

**APPENDIX B:**

**MEETING MINUTES**

**(ON DVD)**

PRECONSTRUCTION MEETING MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Tuesday, February 27, 2018; 10:00 A.M.  
Location: NYSDEC- Central Offices, 625 Broadway, 12<sup>th</sup> Floor, Room 1219  
Albany, New York

The agenda for the Pre-Construction Meeting was distributed prior to meeting. It has been included as Attachment A.

**1. Sign-in sheet for attendees**

See attachment B - sign-in sheet

**2. Representatives and responsibilities**

New York State Department of Environmental Conservation (NYSDEC)

Michael Haggerty, Project Manager

Aaron Fischer – Engineer

Sally Dewes – Section Chief

URS Corporation (URS)

Chuck Dusel, Project Manager

Randy West, Project Engineer

Kyle Jackson, Resident Engineer

Mark Lang, Vice President

EnviroTrac Limited (EnviroTrac)

John Szymanski – Construction Manager

Michael Rose – Project Manager

Michael Alliegro – Site Superintendent

**3. Contract times and liquidated damages**

C. Dusel stated that per the Contract Documents, the project must start no later than March 15, 2018 and end no later than October 15, 2018.

October 15, 2018 is a hard end date. EnviroTrac will be assessed Liquidated Damages at the rate of \$2,000 per work day if the Work is not Substantially Complete by then.

C. Dusel also emphasized that this is not a call-out Contract. EnviroTrac's bid is a hard bid. Though there may be minor fluctuations in Contract quantities, they are firm. He directed EnviroTrac to the Measurement and Payment Section of the Contract.

M. Haggerty mentioned that portions of the Contract have been incentivized to promote timely Contract Completion. Select Payment Items that were originally Unit Price were changed to Lump Sum in the Contract Addenda.

C. Dusel also emphasized that contractually, AECOM will be referred to as URS during this project.

C. Dusel stated that the Notice of Intent to Award Letter was issued to EnviroTrac on February 7, 2018. He reviewed the Continuing Services Agreement and Purchase Order with EnviroTrac. He provided EnviroTrac with hard copies. The PO will be revised to include the actual Bid Sheet. URS will also send an electronic copy with EnviroTrac's bid appended. EnviroTrac will sign and return the Continuing Services Agreement.

## College Point 3 Interim Remedial Measure

### Preconstruction Meeting Minutes

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#### 4. **Progress Schedule**

EnviroTrac submitted a Project Schedule on February 16, 2018. C. Dusel stated that the schedule will be logged in as a submittal. K. Jackson distributed hard copies of the schedule at today's meeting (Also included in Attachment B)

R. West had previously reviewed the schedule. He stated that it currently shows a Start Date of April 2, 2018. NYSDEC has made commitments to local authorities and need to move up the Start Date. NYSDEC and URS would like Start Date of March 19, 2018.

EnviroTrac had no objections to starting work on that date. They have already begun purchasing and establishing Contract Agreements with Sub-subcontractors.

Meeting parties noted that EnviroTrac showed the excavation of the South Lawn first.

R. West also stated that there is currently no float in the schedule. EnviroTrac currently uses all available Contract Time. He asked EnviroTrac about possibility of moving the North Lawn and Planter work to show concurrence with the South Lawn work.

M. Rose responded that concurrence is shown between the North Lawn and Planter work because the Planter work will be completed by a separate crew and equipment.

EnviroTrac may use a Guzzler ® excavator in order to complete the Planter work.

J. Szymanski stated that once the work begins EnviroTrac will further evaluate concurrent work.

C. Dusel emphasized the importance of a full-time, dedicated, Site Superintendent during the completion of the Work and warned about utilities during the excavation.

EnviroTrac stated that they will retain a third-party to complete Community Air Monitoring for the project.

Meeting parties agreed that the Project Schedule will be an evolving document with multiple submissions.

URS will formally respond to each Progress Schedule Submittal.

#### 5. **Coordination with local businesses/town/county officials and points of contact**

M. Haggerty led this discussion and emphasized that all inquiries from residents and local officials at the site will go through URS. Any requests that EnviroTrac receives from condo representatives will need to go through URS.

It will be EnviroTrac's responsibility to notify local authorities (NYPD, DPW, etc.), as needed, during the course of the work.

C. Dusel requested EnviroTrac to submit a complete list of contacts for the project, with cellular and home phone numbers.

EnviroTrac inquired about coordinating parking spaces with the residents. NYSDEC and URS stated that the issue will be resolved with condo representatives at the site once work begins.

EnviroTrac will contact the local police department and let them know that the work is taking place.

#### 6. **Contractor Responsibilities**

**Working Hours** – M. Rose stated that working hours will be 7:30 A.M. to 3:30 P.M., 5 days per week. J. Szymanski stated that EnviroTrac will file a Dispensation Form for the project, just in case overtime work is required.

C. Dusel emphasized that no work can be completed onsite without URS present.

**Sub-subcontractors:** URS requested that EnviroTrac submit a list of their Sub-subcontractors as soon as possible. EnviroTrac will submit the list. C. Dusel stated the importance of Sub-subcontractor selection in relation to M/WBE goals and the overall

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approval process.

C. Dusel emphasized the importance of surveying on this project as well as coordination of waste haulers.

M. Rose inquired whether or not there was a safety factor built in to the Contract Quantities. URS responded that those quantities were calculated utilizing electronic survey data. The quantities are firm.

**As-built / Record Drawings:** C. Dusel emphasized the importance of maintaining as-built redline drawings onsite. They must be reviewed before monthly payment applications are processed and are a component of Contract Closeout.

C. Dusel distributed hard copies of the Contract Documents to meeting parties.

**Off hours Emergency Contact and Contingency:** URS reiterated the importance of EnviroTrac's Contact List. This list should also include DEC and URS contacts.

**Shop Drawings:** Per the Contract Documents, URS has 14 calendar days to process EnviroTrac submittals, but will process them as quickly as possible. URS will prepare a Shop Drawing Log/Schedule, update it regularly, and distribute it at Progress Meetings.

**Project Progress Meetings:** C. Dusel stated that Project Progress Meetings will be conducted onsite once every two weeks. Meetings will be held more frequently as necessary. It will be the responsibility of EnviroTrac to prepare both a two-week look ahead and look-behind schedule for each Meeting.

**7. Changes in the Work**

**Field Orders:** URS will issue Field Orders to EnviroTrac to initiate Changes in the Work. C. Dusel pointed out the Sections in the Contract Documents to EnviroTrac that were pertinent to Changes in the Work

**Proposed Change Order (PCOs):** When EnviroTrac deems that the instruction in a Field Order may result in an increase of Contract Price or Contract Time, they must submit a PCO to URS for review and approval.

R. West emphasized that EnviroTrac has 3 days to notify URS if they will submit a PCO as a result of a Field Order.

Approved PCOs are assembled into a Change Order and sent to the New York State Office of the State Comptroller (NYSOSC) for execution periodically.

C. Dusel stated that in the event that credits are due to the NYSDEC, negative PCOs can be prepared.

**8. Contractor Application for Payment (CAP)**

C. Dusel stated that EnviroTrac's Applications for Payment will be included with URS's monthly invoices to the NYSDEC. It is important that EnviroTrac invoices are submitted in a timely manner. EnviroTrac should include the full applicable payment amount for a given period in their Applications, and URS will withhold the retainage. EnviroTrac must track retainage internally. Applications for Payment must be submitted through URS's AEGIS system.

Draft CAPs should be sent to K. Jackson for approval ahead of time to facilitate the process.

URS will send the instructions to EnviroTrac for properly submitting CAPs. URS will also provide the deadline for CAP submissions to EnviroTrac.

In the event that parties agree to Time and Materials work, K. Jackson and M. Alliegro must sign off on Time and Materials Sheets daily.

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#### 9. **Contract Closeout**

C. Dusel stated that when EnviroTrac has determined that they are Substantially Complete with the Work, they must make a written request for a Substantial Completion Inspection. A punchlist will be generated after the Inspection and dollar values will be assigned to the punchlist items. C. Dusel referred EnviroTrac to the Sections of the Contract Documents pertinent to Contact Closeout.

M. Haggerty asked who was stamping the Record Drawings. R. West responded that EnviroTrac will stamp the Final As-Built Marked Prints (Redlines) and URS will stamp the AutoCAD generated Record Drawings.

#### 10. **M/WBE - EEO Requirements**

EnviroTrac has submitted their Detailed MWBE-EEO Utilization Plan and Work Plan, but they both only show a total of 20% utilization total between MBEs and WBEs. Per the Contract Documents, 30% utilization is required. URS will formally respond to the submittal.

C. Dusel previously e-mailed some MWBEs to EnviroTrac for consideration that were used on other projects. EnviroTrac is undecided on their disposal sub-subcontractor, but Clean Earth is under consideration.

C. Dusel stated that EnviroTrac will have to submit invoices from their Sub-subcontractors with their CAPs, proving that they have been used and paid.

#### 11. **Project Plans**

**Health and Safety Plan:** Submitted on February 20, 2018. The Plan is under review. URS will formally respond to the Submittal.

**Project Schedule:** See Item 4 above.

##### **Sampling and Analysis Plan**

**Security Plan:** Submitted on February 22, 2018. K. Jackson asked EnviroTrac if JDC, their proposed armed security Sub-subcontractor was OSHA HAZWOPER 40-hr trained. M. Rose responded that they were not. Meeting parties agreed that since security will not be entering the Exclusion Zone, they do not need to be OSHA HAZWOPER 40-hr trained. URS will formally respond to the Submittal.

##### **Transportation Plan**

##### **Traffic Control Plan**

##### **Dust Control Plan**

##### **Construction Noise Mitigation Plan**

##### **Vibration Monitoring Plan**

##### **Site Preparation Plan**

##### **Erosion and Sedimentation Control Plan**

##### **Excavation Work Plan**

##### **Transportation and Disposal Plan**

##### **Filling and Grading Work Plan**

##### **Final Grading Plan**

##### **Restoration Work Plan**

**RFI Template:** Submitted on February 15, 2018. The Submittal is under review. URS will formally respond to the Submittal.

#### 12. **Project Shop Drawings**

**Format for Submissions:** K. Jackson has reviewed EnviroTrac's Submittal Transmittal

Template Submittal, received on February 15, 2018. URS will formally respond to the submittal.

**Schedule for Submissions:** See Item 3 above.

**Approval/Tracking Review Process:** See Item 3 above.

**Use of Sharepoint and LiquidFiles Site for Submittal, Retrieval, and Storage:**

LiquidFiles is EnviroTrac's means to transfer large files, similar to an ftp site. EnviroTrac was not in favor of using a site similar to MyDocs for Submittal Transmission. Meeting parties agreed that Submittal Transmission will continue to be completed through e-mail.

**Submittal Responses – “Approved”, “Approved As Noted”, “Resubmit with Revisions”, “Disapproved”:** The submittal review designations listed in the Contract Documents are incorrect. The designations noted above are the proper ones, in accordance with the direction previously provided by Michael Cruden, NYSDEC

K. Jackson inquired which Contract Number should be used on project correspondence moving forward. Meeting parties agreed that “D007622-47” will be used.

**13. Contractor's Activities over next two (2) weeks**

EnviroTrac will continue to prepare Shop Drawings and Plans and Establish Sub-subcontractor agreements over the next two weeks. They will sign and return the Continuing Services Agreement and Purchase Order to URS.

**14. Open Discussion**

**Site Survey and Grade Control:** URS emphasized the importance of surveying to EnviroTrac. R. West mentioned that EnviroTrac may want to investigate the use of settlement plates to monitor settlement of areas that they have already excavated. M. Rose requested the electronic survey data that was used to prepare the Contract Drawings. R. West responded that the grid in the Contract Drawings was generated electronically from limited, original survey points, but the data can be sent to EnviroTrac.

**Excavation and backfill of the South Lawn Area first:** See Item 4. General discussion commenced about the excavation. EnviroTrac inquired if additional excavation is required if samples collected failed cleanup criteria. R. West responded that we are not chasing contaminants. Samples collected will be grab, documentation samples.

M. Alliegro inquired about damage to driveways and existing site roads during construction. URS emphasized the importance of the pre-construction photo and video survey prior to commencing work.

**Backfill Source:** J. Szymanski stated that he has identified a potential backfill source.

**Topsoil Source:** J. Szymanski stated that he has identified a potential topsoil source. He stated that he is aware of how difficult the backfill and topsoil materials are to obtain.

**Requirements for Payment:** See Item 8.

**Certified Payrolls / Wage Rates – NYSDOL Prevailing Wage Project:** C. Dusel stated that certified payrolls will have to be submitted with each CAP. R. West emphasized that labor for all South Lawn Work will be paid at the Prevailing Wage.

**Off-hour emergency phone numbers and contingency for all project groups:** See Item 5.

**EnviroTrac/URS/DEC - 40 hour training certifications with up to date refreshers for all on-site or project personnel:** K. Jackson stated that per the Contract Documents, these items should be included with the Health and Safety Plan. J. Szymanski stated that all personnel have the appropriate certifications.

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**Procedures for official and unofficial visitors to the site:** EnviroTrac stated that they will have visitors sign in at their construction trailer. C. Dusel emphasized that no one who is not OSHA HAZWOPER 40-hr. trained will be allowed onsite.

**Contractor / Engineer Site facilities/utilities:** K. Jackson stated that in EnviroTrac's submittal of for the Field Office Trailer, submitted on February 22, 2018, only one trailer is shown. M. Rose stated that EnviroTrac had only intended to provide one trailer. K. Jackson responded that the Contract Documents state that a separate trailer for the Engineer is required. URS will formally respond to the Submittal.

**Site Security - support and work (contamination reduction and exclusion) zones:** See Item 11.

**Coordination with Property Owners, etc:** See Item 5. Meeting parties agreed that a Site Walk meeting is warranted prior to mobilization.

Per the Contract Documents, EnviroTrac needs to collect one week of baseline vibration data at the site.

Meeting parties agreed on March 7, 2018 at 11:00 A.M. onsite for the Site Walk.

M. Haggerty gave a brief update on the efforts to obtain the permits for the work.

He stated that in the event that the permit could not be obtained by March 19, 2018, work would proceed anyway.

EnviroTrac asked if NYSDEC could provide them letter stating that fact. M Haggerty did not object to providing a letter to Envirotrac.

M. Haggerty also stated that he is in the process of completing a Fact Sheet for the site.

**Insurance (copy of certificates for additionally insured):** URS returned EnviroTrac's original Certificate of Insurance, "Resubmit with Revisions" on February 23, 2018. The way that URS was shown as an entity needed to be changed. J. Szymanski stated that he waiting for the Disability Insurance Certificate to be revised. He will resubmit upon receipt.

K. Jackson stated that the Performance Bond and Labor and Materials Bond submitted by EnviroTrac on February 20, 2018 were printed on the improper AIA form.

K. Jackson provided EnviroTrac with a hard copy of the proper form.

URS will formally respond to the Submittal. EnviroTrac will make an inquiry to their Surety about the new Bond Form.

**Post-construction submittal requirements:** See Item 9.

**Data Transmission (EQUIS):** EnviroTrac stated that they have the capability to submit EQUIS deliverables.

## 15. Follow Up / Action Items

### EnviroTrac

Return signed Continuing Service Agreement And Purchase Order.

Provide official start date and waste characterization sampling date.

File Dispensation Form.

Submit Contact List.

Submit List of Sub-subcontractors.

Inquire to their Surety about reissuing the Bonds on the updated AIA form

### URS

Respond to Project Schedule Submittal

Send electronic copy of Continuing Services Agreement and Purchase Order with Envirotrac's bid appended.

Prepare Shop Drawing Schedule.

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- Respond to Submittal Transmittal Template Submittal.
- Provide instructions for submitting CAPs to EnviroTrac.
- Provide deadline for submitting CAPs to EnviroTrac.
- Respond to Health and Safety Plan Submittal.
- Respond to Detailed MWBE-EEO Utilization Plan and Work Plan Submittal.
- Respond to Performance Bond and Labor and Materials Bond Submittal.
- Respond to Security Plan Submittal.
- Respond to Bid Breakdown/Schedule of Values Submittal.
- Respond to RFI Template Submittal.
- Send electronic survey data to EnviroTrac.
- Schedule onsite meeting.
- Respond to Field Office Trailer Submittal.

#### DEPARTMENT

- Issue Fact Sheet for the site.
- Provide letter to EnviroTrac stating that work will proceed on March 19, 2018, if the proper permits are not in place by then.

#### **16. Next Scheduled Meeting, Location, and Time**

Onsite Site Walk Meeting, Wednesday, March 7, 2018 at 11:00 AM.

**Meeting Adjourned at approximately 13:30.**



**ATTACHMENT A:  
MEETING AGENDA**

PRECONSTRUCTION CONFERENCE AGENDA  
**College Point 3 Interim Remedial Measure, Site Number: 241112**  
**CONTRACT #D007622-47**

Tuesday, February 27, 2018; 10:00 A.M.  
Location: NYSDEC- Central Offices, 12<sup>th</sup> Floor, Room 1219  
Albany, New York

- 1. Sign-in sheet for attendees.**
  
- 2. Representatives and responsibilities.**

*Department*

*URS Corporation (URS)*

*EnviroTrac Limited (EnviroTrac)*

- 3. Contract times and liquidated damages.**

**4. Progress Schedule.**

**5. Coordination with local businesses/town/county officials and points of contact.**

**6. Contractor Responsibilities.**

*Working Hours*

*Subcontractors*

*As-built / Record Drawings*

*Off hours Emergency Contact and Contingency*

*Shop Drawings*

*Project Progress Meetings*

**7. Changes in the Work.**

*Field Orders*

*Proposed Change Order (PCOs)*

*Change Order (CO)*

**8. Contractor Application for Payment (CAP).**

**9. Contract Closeout**

**10. M/WBE - EEO Requirements.**

**11. Project Plans.**

Health and Safety Plan

Project Schedule  
Sampling and Analysis Plan

**College Point 3 Interim Remedial Measure  
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Security Plan

Transportation Plan  
Traffic Control Plan  
Dust Control Plan  
Construction Noise Mitigation Plan  
Vibration Monitoring Plan  
Site Preparation Plan  
Erosion and Sedimentation Control Plan  
Excavation Work Plan  
Transportation and Disposal Plan  
Filling and Grading Work Plan  
Final Grading Plan  
Restoration Work Plan  
RFI Template

**12. Project Shop Drawings.**

*Format for Submissions*

*Schedule for Submissions*

*Approval/Tracking Review Process*

*Use of Sharepoint and LiquidFiles Site for Submittal, Retrieval, and Storage*

*Submittal Responses – “Approved”, “Approved As Noted”, “Resubmit with Revisions”, “Disapproved”*

**13. Contractor's Activities over next two (2) weeks.**

**14. Open Discussion.**

*Site Survey and Grade Control;*

*Excavation and backfill of the South Lawn Area first;*

*Backfill Source;*

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*Topsoil Source;*

*Requirements for Payment;*

*Certified Payrolls / Wage Rates – NYSDOL Prevailing Wage Project;*

*Off-hour emergency phone numbers and contingency for all project groups;*

*EnviroTrac/URS/DEC - 40 hour training certifications with up to date refreshers  
for all on-site or project personnel;*



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*Procedures for official and unofficial visitors to the site;*

*Contractor / Engineer Site facilities/utilities;*

*Site Security - support and work (contamination reduction and exclusion) zones;*

*Coordination with Property Owners, etc;*

*Insurance (copy of certificates for additionally insured);*

*Post-construction submittal requirements;*

*Data Transmission (EQUIS)*

**15. Follow Up / Action Items**

EnviroTrac

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URS

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DEPARTMENT

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**16. Next Scheduled Meeting (Progress Meeting #1), Location, and Time.**

**ATTCAHMENT B:  
SIGN-IN SHEET  
PROJECT SCHEDULE**

**College Point 3 Interim Remedial Measure Site No. 241112, Contract #D007622-47**  
**Pre-Construction Meeting**  
**Tuesday, February 27, 2018 10:00 A.M.**  
**Sign-In Sheet**

Persons Name in Attendance:	Company Representing:	Phone Number:	Email Address:
Mark Langa	DECOM/URS	716 861 8865	MARK.LANGA@DECOM.COM
JOHN Szymanski	EnviroTRAC	631.924.3001	JOHNS@ENVIROTRAC.COM
Michael Rose	EnviroTRAC	631 433 8883	mi.rose@envirotrac.com
Mike Alliegio	ENVIROTRAC	631-300-6869	MIKEA@ENVIROTRAC.COM
Michael Haggerty	DEC	518-526-8782	michael.haggerty@dec.ny.gov
Chuck Dusel	URS	716-353-3016	chuck.dusel@urcon.com
Kyle Jackson	URS	716-812-3905	kyle.jackson@urcon.com

**College Point 3 Interim Remedial Measure Site No. 241112, Contract #D007622-47**  
**Pre-Construction Meeting**  
**Tuesday, February 27, 2018 10:00 A.M.**  
**Sign-In Sheet**

<b>Persons Name in Attendance:</b>	<b>Company Representing:</b>	<b>Phone Number:</b>	<b>Email Address:</b>
Sally Dewes	NYSDEC	518-402-9767	Sally.dewes@dec.ny.gov
Randy West	URS/AECOM	916-923-1222	Randy.West@AECOM.com
Aaron Fischer	NYS DEC	518 402 9767	aaron.fischer@dec.ny.gov

# NYSDEC COLLEGE POINT IRM 3 SITE COLLEGE POINT, NY

ID	Task Name	Duration	Start	Finish	March					April					May					June					July					August					September					October					November							
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25							
1	<b>NYSDEC College Point IRM 3 Site</b>	<b>192 days</b>	<b>Tue 2/27/18</b>	<b>Wed 11/21/18</b>																																																
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18																																																
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18																																																
4	<b>Pre-Con Site Work</b>	<b>10 days</b>	<b>Mon 4/2/18</b>	<b>Fri 4/13/18</b>																																																
5	Initial Environmental Monitoring	5 days	Mon 4/2/18	Fri 4/6/18																																																
6	Initial Survey / Stakeout / Geophysical	5 days	Mon 4/2/18	Fri 4/6/18																																																
7	Pre-Characterization Waste Sampling	5 days	Mon 4/2/18	Fri 4/6/18																																																
8	Site Facilities and Services	5 days	Mon 4/9/18	Fri 4/13/18																																																
9	<b>CAMP</b>	<b>157 days</b>	<b>Mon 4/16/18</b>	<b>Tue 11/20/18</b>																																																
10	CAMP Air Data	157 days	Mon 4/16/18	Tue 11/20/18																																																
11	<b>South Lawn Area</b>	<b>57 days</b>	<b>Mon 4/16/18</b>	<b>Tue 7/3/18</b>																																																
12	Erosion, Noise, Sediment Controls	5 days	Mon 4/16/18	Fri 4/20/18																																																
13	Clearing and Demolition of Structures	7 days	Mon 4/23/18	Tue 5/1/18																																																
14	Excavation of South Lawn Area	20 days	Wed 5/2/18	Tue 5/29/18																																																
15	Transportation and Disposal of South Lawn	23 days	Mon 5/7/18	Wed 6/6/18																																																
16	Backfill South Area Fill and Topsoil	10 days	Wed 5/30/18	Tue 6/12/18																																																
17	Set South Lawn Drains and Misc. Work	3 days	Wed 6/13/18	Fri 6/15/18																																																
18	Fence Restoration South	10 days	Wed 6/13/18	Tue 6/26/18																																																
19	South Sprinklers	5 days	Wed 6/20/18	Tue 6/26/18																																																
20	Sod and Seed South	5 days	Wed 6/27/18	Tue 7/3/18																																																
21	<b>North Lawn Area</b>	<b>50 days</b>	<b>Thu 7/5/18</b>	<b>Wed 9/12/18</b>																																																
22	Erosion Noise and Sediment Controls	5 days	Thu 7/5/18	Wed 7/11/18																																																
23	Excavation North Lawn Area	20 days	Thu 7/12/18	Wed 8/8/18																																																
24	Transportation and Disposal North Soils	23 days	Tue 7/17/18	Thu 8/16/18																																																
25	Backfill North Area Fill and Topsoil	15 days	Thu 8/9/18	Wed 8/29/18																																																
26	North Lawn Sprinklers	5 days	Thu 8/30/18	Wed 9/5/18																																																
27	Walkway Demo and Reconstruction	10 days	Thu 8/30/18	Wed 9/12/18																																																
28	Sod and Seed North	5 days	Thu 9/6/18	Wed 9/12/18																																																
29	<b>Planters</b>	<b>50 days</b>	<b>Thu 8/9/18</b>	<b>Wed 10/17/18</b>																																																
30	Excavation and Dismantle Planters	20 days	Thu 8/9/18	Wed 9/5/18																																																
31	Transportation and Disposal of Planter Soils	21 days	Thu 8/16/18	Thu 9/13/18																																																
32	Construct and Backfill Planters	15 days	Thu 9/6/18	Wed 9/26/18																																																
33	Install Trees and Ornamentals	10 days	Thu 9/27/18	Wed 10/10/18																																																
34	Demobilization of Site Facilities	5 days	Thu 10/11/18	Wed 10/17/18																																																
35	<b>Closeout</b>	<b>30 days</b>	<b>Thu 10/11/18</b>	<b>Wed 11/21/18</b>																																																
36	Final As-Builts / Project Closeout	30 days	Thu 10/11/18	Wed 11/21/18																																																

Project: COLLEGE POINT IRM 3	Task	Milestone	Rolled Up Split	External Tasks	Deadline
Date: Fri 2/16/18	Split	Summary	Rolled Up Milestone	Project Summary	
	Progress	Rolled Up Task	Rolled Up Progress	External Milestone	

PROJECT PROGRESS MEETING 1 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, April 4, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West (via telephone) – URS*

*Michael Rose – EnviroTrac*

*John Szymanski – EnviroTrac*

*Joe Byrnes – EnviroTrac*

*Ted Masters – EnviroTrac*

**2. Minutes from Previous Meeting**

*C. Dusel read aloud portions of the minutes from the Pre-Construction Meeting.*

*M. Rose e-mailed URS on 03/28/18 stating that his only comment on the Pre-Construction Meeting Minutes was to reiterate a point made during the open discussion that all meeting parties were aware that the site has a historic settling condition. The parties at today's meeting acknowledged this. The Pre-Construction Meeting Minutes are now deemed final.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. The schedule is appended to the meeting agenda. M. Rose stated that over the past two weeks, EnviroTrac removed PVC fencing, delivered portable lavatories, installed temporary fencing, removed trees in the South Lawn Area, installed vibration monitors, took pre-construction photos of site buildings, established settlement monitoring points, mobilized field office trailers, installed the Project Sign, and relocated parking spaces.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans to complete the private utility markout, complete the pre-construction topographical survey, remove trees in the North Lawn Area, remove the large, misshapen tree in the South Lawn Area at Cove Court, perform waste characterization sampling, install survey stakes, perform field engineering, install erosion and sediment controls, and receive soil profiles and approvals.*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 1  
Page 2**

*M. Rose noted that the pre-construction topographical survey is in-progress today and that erosion and sediment control materials will be delivered to the site on Thursday 04/05/18.*

*M. Rose stated that their surveyor is having issues with the site benchmarks. The surveyor has noted that the benchmarks are six inches lower than anticipated. M. Rose has asked the surveyor to e-mail his concerns to EnviroTrac. EnviroTrac has worked with this surveyor in the past and they anticipate having the pre-construction topography completed today.*

*K. Jackson stated that EnviroTrac submitted a map of proposed survey grid points to URS on 04/03/18. Initially, URS was going to classify this submittal "For Information Only". After further discussion today, the submittal does warrant a formal review. URS will review the submittal. R. West emphasized the importance of collecting survey points at the corners of the patios. He also emphasized the collection of some data points from undisturbed areas. EnviroTrac will walk with their surveyor at the conclusion of the meeting to ensure that the proper data points are collected. They estimate a two-day turnaround for the formal submission of the survey to URS after its completion. URS will use that survey to develop a revised Subgrade Grading Plan. URS estimated one week for completion of the revised Subgrade Grading Plan once EnviroTrac's survey data is received.*

*M. Haggerty noted that the look ahead schedule shows the waste characterization sampling being completed on Monday 04/09/18. He stated that due to the time required to complete TCLP analysis, the date on which the disposal facility would receive the data would be delayed. He recommended completing the disposal sampling as soon as possible. EnviroTrac will move waste characterization sampling up on the schedule. M. Rose also stated that he estimated approval from the disposal facility, Bethlehem Earth LP (Clean Earth), one week after they receive the analytical data.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, approved on 03/12/18, served as the guide for this discussion. It is included as Attachment C.*

*K. Jackson asked EnviroTrac to confirm that they are still on schedule to begin excavation in the South Lawn Area on Monday 04/16/18. M. Rose confirmed that EnviroTrac is on schedule to begin excavation on that date.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*K. Jackson asked if M. Rose understood URS's comments on the Noise Mitigation Plan, returned "Resubmit with Revisions" on 03/27/18. M. Rose responded that he did understand the comments. EnviroTrac encountered issues with drop down menus on the electronic NYCDEP Construction Noise Mitigation Plan Form. M. Rose stated that he was able to find a noise blanket with a Sound Transmission Class (STC) Rating that met the New York City Noise Code. K. Jackson asked EnviroTrac how they*



**College Point 3 Interim Remedial Measure  
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Page 3**

*planned to erect the noise blanket. M. Rose responded that EnviroTrac plans to run the blanket along a steel cable like a large shower curtain. K. Jackson stated that the specific makes and models of the equipment to be used onsite are required for the submittal. He also stated that the Noise Mitigation Plan Form is required to be notarized. M. Rose acknowledged both points. He stated that EnviroTrac will submit the Plan in draft form for approval prior to submitting the notarized Form.*

*EnviroTrac resubmitted their Erosion and Sediment Control Plan on 04/03/18. EnviroTrac will substitute the use of coir logs with wattle dikes. They have also identified the use of silt traps when pumping collected stormwater into the existing drainage system, per URS's comments on their previous submittal. R. West explained that outlets that are currently at grade will be 1 ft. to 2 ft. above grade during the excavation. Today, EnviroTrac proposed the use of wattle dikes instead of silt fencing as the erosion and settlement control measure for the South Lawn Area excavation. URS approved this substitution today. URS will approve EnviroTrac's revised Erosion and Sediment Control Plan.*

*EnviroTrac submitted their Vibration Monitoring Plan on 03/29/18. URS will review the Plan.*

*K. Jackson stated that EnviroTrac subcontractor Vanguard photo-documented the existing condition of the exteriors of buildings onsite. They will issue a report to EnviroTrac, which must be submitted to URS. K. Jackson also stated that EnviroTrac must video existing site roads prior to the beginning of the excavation.*

*EnviroTrac submitted their revised Health and Safety Plan on 04/02/18. URS will backcheck EnviroTrac's revisions in the Plan.*

*EnviroTrac submitted their Well Decommissioning Work Plan on 03/30/18. The Plan is currently under URS review.*

*EnviroTrac submitted their revised Bid Breakdown on 03/27/18. K. Jackson stated that upon initial review, EnviroTrac has broken down select lump sum bid items, such as BI-12 – Walkway Restoration and BI-22 – Fence Restoration, into unit cost per day. K. Jackson stated that the Bid Breakdown will be used in the event of a negotiation and lump sum Bid Items need to be broken down into useful cost units. URS will respond to the Bid Breakdown submittal.*

*K. Jackson stated that EnviroTrac has submitted handwritten daily reports to URS since mobilization to the site. K. Jackson instructed EnviroTrac to issue Site Superintendent Mike Alliegro a laptop computer, so that the daily reports can be completed electronically.*

*K. Jackson stated that per the Contract Documents, EnviroTrac is required to submit Quality Control Daily Reports. URS will provide EnviroTrac with a sample report to use as a go-by.*

*URS returned EnviroTrac's Excavation Work Plan "Resubmit with Revisions" on 04/03/18. M. Haggerty asked M. Rose to elaborate on how high the dirt pad will be*

*that the excavator will be situated on during the excavation. M. Rose responded that the pad will be almost as high as the elevated parking platform on Riviera Court. EnviroTrac does not anticipate having to remove the steel railing on Riviera Court during the excavation. A six-foot tall temporary fence will be erected along the platform if the steel railing has to be removed.*

*M. Haggerty asked when EnviroTrac will set up the Community Air Monitoring Stations. EnviroTrac responded that they will be set up when the intrusive work begins.*

*C. Dusel stated that EnviroTrac has materials that remain to be submitted in order to be entered into URS's SUBPORT database. J. Szymanski stated that he will submit the materials.*

*K. Jackson stated that the important Submittals that should follow from EnviroTrac are the Traffic Control Plan and the Transportation and Control Plan.*

**7. RFIs/Field Orders**

RFI Log Attached (Attachment A)

*EnviroTrac submitted RFI No. 1 to URS on 03/02/18 regarding grade tolerances during subgrade preparation. C. Dusel read the draft response to meeting parties today. URS will formally respond to RFI No. 1.*

*M. Rose asked if URS was going to issue a Field Order to EnviroTrac stating which patios were to be left in place and which ones would be removed. URS responded that a Field Clarification Memo would be issued with that direction.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

*URS issued Field Clarification Memo No. 1 to EnviroTrac on 03/19/18 regarding noting the differences between vibration readings recorded during 6 ft. vinyl fence removal in the South Lawn Area and the remaining preconstruction activity. EnviroTrac has reported those differences to URS.*

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

None

**11. Payment Applications**

*EnviroTrac submitted a draft CAP No. 1 for URS to review on 04/01/18. EnviroTrac has invoiced for percentages of BI-1 – Mobilization/Demobilization, BI-2 – Site Facilities and Services, BI-5 – Vibration and Structure Monitoring, and BI-9 – Clearing and Demolition of Vegetation and Above Grade Structures for a total value of \$88,300. C. Dusel instructed EnviroTrac to enter the CAP into AEGIS as soon as possible because the first submission will take time. He also advised EnviroTrac to be prompt with their invoices because URS can only invoice the NYSDEC once per month. URS instructed EnviroTrac to submit their sub-subcontractor invoices and certified payroll as backup for the CAP.*

*K. Jackson stated that there were typographical errors in the CAP on some of the bid item names that need to be corrected. K. Jackson will provide a markup to EnviroTrac.*

**12. WBE/MBE Utilization**

*URS returned EnviroTrac’s Detailed M/WBE-EEO Utilization and Work Plan “Resubmit with Revisions” on 03/01/18. J. Szymanski stated that he will submit the revised Plan.*

**13. Health and Safety**

*M. Haggerty asked if there was any method to lockout and tagout the electrical in the South Lawn Area. EnviroTrac responded that they will investigate the matter with Condo 3 property manager Rex White.*

**14. Open Discussion**

- *C. Dusel stated that Rex White is expecting new fence as the replacement for the 3-ft. vinyl fence that was removed in the South Lawn Area, not a reinstallation of the old fence. He cited Contract Specification Section 02503 – Restoration, which states that the fence shall be replaced in-kind as directed by the Engineer. EnviroTrac responded that they had anticipated re-using the existing fence. They have organized the fence pieces and stored them on pallets near the field office trailers. EnviroTrac requested a cut sheet of the replacement fence from URS.*
- *C. Dusel stated that Walter T. Gorman pulled the NYCDOB Permits for the North and South Lawn Area work for EnviroTrac. Per the Contract Documents, the Subcontractor is required to obtain and pay for permits. URS intends to receive a separate invoice from Gorman for their efforts to pull the permits and forward that invoice to EnviroTrac.*
- *M. Rose stated that he inquired about the requirement for a plumbing permit to Daniel Ashe at Gorman. D. Ashe referred him back to URS. R. West responded that URS added drawing P-1 for the yard drain to the permit application drawing package. URS thinks that all required permits have been obtained.*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 1  
Page 6**

- *M. Rose inquired about the letter that M. Haggerty was going to write for EnviroTrac stating that Work would proceed even if the proper permits were not in place. M. Haggerty responded that it appears as though the necessary permits have been obtained.*
- *URS and NYSDEC held an onsite meeting with R. White today and the decision was made to remove the Japanese Maple Tree in South Lawn Area Yard 11. This tree was originally specified to be protected in the Contract Documents. K. Jackson will document this decision in an e-mail for the project file, as it constitutes a change to the Scope of Work.*
- *URS emphasized to EnviroTrac to relay all condo personnel and resident questions to K. Jackson. URS will post the project Contact List in the field office trailer.*
- *URS asked EnviroTrac for their timetable for installing permanent power and internet service to the field office trailers. C. Dusel noted the poor cellular phone reception in the field office trailer. M. Rose responded that EnviroTrac would like to propose generators as the permanent power source for the office trailers. Their electrician has been onsite and had difficulty locating a source for a permanent power drop. R. West stated that Gorman may have to be consulted regarding the full-time use of generators onsite. URS requested that EnviroTrac submit an RFI for the use of the generators. M. Rose stated that EnviroTrac will provide a mobile hot spot for internet access.*
- *EnviroTrac relocated parking spaces 82D and 84D from Cove Court to Capstan Court this week. The pavement has been too wet to complete the stenciling at the new parking space locations. EnviroTrac will complete the stenciling as soon as possible.*
- *Vibration monitor No. 7 filled up with water and malfunctioned on 04/03/18. Vanguard will return to the site on 04/05/18 to replace the monitor. Vanguard has also established movement/settlement monitoring points on the site buildings.*
- *M. Haggerty asked EnviroTrac what their proposed materials were for the decontamination pad. M. Rose responded that the pad will be constructed from blue, 16 mil, heavy duty tarp. EnviroTrac will provide a submittal for the decontamination pad.*

**15. Action Items**

Previous Action Items

- *EnviroTrac*
  - *Return signed Continuing Service Agreement And Purchase Order. – **Completed***
  - *Provide official start date and waste characterization sampling date. – **Completed***

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 1  
Page 7**

- File Dispensation Form.
- Submit Contact List. – **Completed**
- Submit List of Sub-subcontractors. – **Completed**
- Inquire to their Surety about reissuing the Bonds on the updated AIA form - **Completed**
  
- **URS**
  - Respond to Project Schedule Submittal - **Completed**
  - Send electronic copy of Continuing Services Agreement and Purchase Order with EnviroTrac's bid appended. - **Completed**
  - Prepare Shop Drawing Schedule. - **Completed**
  - Respond to Submittal Transmittal Template Submittal. - **Completed**
  - Provide instructions for submitting CAPs to EnviroTrac. - **Completed**
  - Provide deadline for submitting CAPs to EnviroTrac. - **Completed**
  - Respond to Health and Safety Plan Submittal. - **Completed**
  - Respond to Detailed MWBE-EEO Utilization Plan and Work Plan Submittal. - **Completed**
  - Respond to Performance Bond and Labor and Materials Bond Submittal. - **Completed**
  - Respond to Security Plan Submittal. - **Completed**
  - Respond to Bid Breakdown/Schedule of Values Submittal. **Completed**
  - Respond to RFI Template Submittal. **Completed**
  - Send electronic survey data to EnviroTrac. - **Completed**
  - Schedule onsite meeting. - **Completed**
  - Respond to Field Office Trailer Submittal. - **Completed**
  
- **NYSDEC**
  - Issue Fact Sheet for the site. - **Completed**
  - Provide letter to EnviroTrac stating that work will proceed on March 19, 2018, if the proper permits are not in place by then. – **No Longer Necessary.**

Current Action Items

- **EnviroTrac**
  - Expedite Waste Characterization Sampling
  - Submit Pre-Construction Topographic Survey
  - Resubmit Noise Mitigation Plan
  - Submit Vanguard Pre-Construction Photo Survey Report
  - Video Site Roads
  - Submit Daily Reports electronically
  - Resubmit Excavation Work Plan
  - Submit remaining materials required for SUBPORT entry
  - Submit CAP No. 1 into AEGIS
  - Submit Sub-subcontractor Invoices and Certified Payroll for CAP No. 1
  - Submit revised Detailed M/WBE-EEO Utilization and Work Plan
  - Submit an RFI for full-time use of generators onsite
  - Provide a mobile hotspot for internet access
  - Complete stenciling at relocated parking spaces 82D and 84D

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 1  
Page 8**

- *Provide Decontamination Pad Submittal*
  
- *URS*
  - *Review Proposed South Lawn Grid Area Submittal*
  - *Review Vibration Monitoring Plan Submittal*
  - *Approve Erosion and Sediment Control Plan Submittal*
  - *Review revised Health and Safety Plan Submittal*
  - *Review Well Decommissioning Work Plan Submittal*
  - *Respond to Bid Breakdown Submittal*
  - *Provide EnviroTrac with a Sample Quality Control Daily Report*
  - *Respond to RFI No. 1*
  - *Issue Field Clarification Memo regarding patio demolition*
  - *Provide EnviroTrac with a markup of CAP No. 1*
  - *Provide EnviroTrac with a cut sheet of the replacement fence*
  - *Send invoice for pulling NYCDOB permits to EnviroTrac*
  - *Post Contact List in field office trailer*
  
- *NYSDEC*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 2 was scheduled for Wednesday, April 18, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:02 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 1 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, April 4, 2018; 10:00 A.M.

Location: Project Site – EnviroTrac Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**



**College Point 3 Interim Remedial Measure  
Progress Meeting No. 1 Agenda  
Page 2**

- 5. Submittals**
  - **Submittal Log Attached**
  
- 6. RFIs/Field Orders**
  - **RFI Log Attached**
  
  - **RFI No. 1**
  
- 7. Field Clarification Memos**
  - **Field Clarification Memo Log Attached**
  
  - **FCM No. 1**
  
- 8. Disputes/Claims**
  - **None**
  
- 9. Proposed Change Orders**
  - **None**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 1 Agenda  
Page 3**

- 10. Payment Applications**
  - Draft Payment Application No. 1**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**

- 13. Open Discussion**
  - Replacement of Fences and Patios**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 1 Agenda  
Page 4**

- **Permits**
- **Removal of Japanese Maple Tree in Yard 11**
- **Lines of Communication**
- **Power/Internet to Field Office Trailers**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 1 Agenda  
Page 5**

- **Parking Space Relocation**
- **Survey**
- **Pre-Construction Documentation**
- **Vibration Monitoring**
- **Waste Characterization Sampling**

**14. Action Items**

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions	
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions	
			b		4/2/2018	W. Smith			
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved	
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted	
		01040-2		Staging Areas and Contamination Reduction Zone					
		01040-3	a	Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson			
		01051-2		Survey Instrument Certifications					
		01051-3		Permanent Survey Control Monuments					
		01051-4		Record Survey Drawings					
		01051-5		Survey Field Notes and Records					
		01051-6+		Survey Data and Maps for On-Site Work					
		01051-7+		Sample Location Data					
01066	Health and Safety	01066-1		Decontamination Pad Shop Drawings					
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/23/2018	Approved	
		01400-2+		Analytical Results					
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
			b		3/19/2018	K. Jackson	3/20/2018	Approved as Noted	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					
		01570-2		Traffic Control Plan					
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson			
		01730-3+		Interim Results Reports					
		01730-4		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson			
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	R. West/K. Jackson	4/3/2018	Resubmit with Revisions	
		02220-2		Demarcation Barrier					
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan					
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2+		Waste Manifests (completed)					
		02230-3		Waste Profiles					
		02230-4		Weigh Tickets					
02300	Backfilling, Grading, and Compaction	02300-1		Soil Test Results					
		02300-2		Filling and Grading Work Plan					
		02300-3		Final Grading Plan					
		02300-4		Sample Location Sketch					
		02300-5		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program					
		02508-2		Weekly Air Monitoring Reports					
		02508-3		Raw Monitoring Data					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M.Gutmann			
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					3/27/2018	K. Jackson			
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
				Revised Performance Bonds	3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	



*Updated: April 3, 2018 (1:21PM)*

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## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

*Start date: February 7, 2018*

*Updated: April 3, 2018 (1:21PM)*

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation			

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: April 3, 2018 (1:11PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.			

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

College Point 3 IRM  
 Contract No. D007622-42  
 Site No. 241122

Two Week Looks  
 1/11 thru 1/22

Look Back

Look Ahead

Description of Work	Look Back											Description of Work	Look Ahead												
	Date	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	26-Mar	27-Mar	28-Mar	29-Mar		30-Mar	Date	2-Apr	3-Apr	4-Apr	5-Apr	6-Apr	7-Apr	9-Apr	10-Apr	11-Apr	12-Apr	13-Apr
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday		Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday		
PVC Fencing Removal	X	X			X		X	X	X	X	X		PVC Fence Post Removal	X											
Sanitation Facilities Delivery	X												Fence Installation	X											
Temp Fence Installation		X			X						X														
Grubbing/Tree removal South Area							X	X	X	X	X														
Lost Snow Day			X	X																					
Vibration Monitor Install	X	X																							
Precon Building Assessment		X			X																				
Settlement Monitor Install						X																			
Field Office Delivery								X																	
Allocate Parking							X																		
													Hang Project Sign	X											
													Private Utility Markout		X										
													Precon Topo Survey			X									
													Grubbing/Tree Removal North Area	X	X	X	X	X							
													Precharacterization Sampling								X				
													Large Tree South		X										
													Field Engineering/Survey Stake Install									X	X	X	X
													Soil Profiling and Approvals								X	X	X	X	

**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

# NYSDEC COLLEGE POINT 3 IRM SITE COLLEGE POINT, NY

ID	Task Name	Duration	Start	Finish	March			April				May				June				July				August				September				October				November				
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21
1	<b>NYSDEC College Point 3 IRM Site</b>	<b>154 days</b>	<b>Tue 2/27/18</b>	<b>Fri 9/28/18</b>	[Gantt Bar]																																			
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18	[Milestone]																																			
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18	[Task Bar]																																			
4	<b>Pre-Con Site Work</b>	<b>10 days</b>	<b>Thu 3/15/18</b>	<b>Wed 3/28/18</b>	[Summary Bar]																																			
5	Initial Environmental Monitoring	5 days	Thu 3/15/18	Wed 3/21/18	[Task Bar]																																			
6	Initial Survey / Stakeout / Geophysical	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																			
7	Pre-Characterization Waste Sampling	5 days	Thu 3/15/18	Wed 3/21/18	[Task Bar]																																			
8	Site Facilities and Services	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																			
9	<b>CAMP</b>	<b>90 days</b>	<b>Mon 4/16/18</b>	<b>Fri 8/17/18</b>	[Summary Bar]																																			
10	CAMP Air Data	90 days	Mon 4/16/18	Fri 8/17/18	[Task Bar]																																			
11	<b>South Lawn Area</b>	<b>57 days</b>	<b>Thu 3/29/18</b>	<b>Fri 6/15/18</b>	[Summary Bar]																																			
12	Erosion, Noise, Sediment Controls	5 days	Thu 3/29/18	Wed 4/4/18	[Task Bar]																																			
13	Clearing and Demolition of Structures	7 days	Thu 4/5/18	Fri 4/13/18	[Task Bar]																																			
14	Excavation of South Lawn Area	20 days	Mon 4/16/18	Fri 5/11/18	[Task Bar]																																			
15	Transportation and Disposal of South Lawn	23 days	Thu 4/19/18	Mon 5/21/18	[Task Bar]																																			
16	Backfill South Area Fill and Topsoil	10 days	Mon 5/14/18	Fri 5/25/18	[Task Bar]																																			
17	Set South Lawn Drains and Misc. Work	3 days	Mon 5/28/18	Wed 5/30/18	[Task Bar]																																			
18	Fence Restoration South	10 days	Mon 5/28/18	Fri 6/8/18	[Task Bar]																																			
19	South Sprinklers	5 days	Mon 6/4/18	Fri 6/8/18	[Task Bar]																																			
20	Sod and Seed South	5 days	Mon 6/11/18	Fri 6/15/18	[Task Bar]																																			
21	<b>North Lawn Area</b>	<b>50 days</b>	<b>Mon 5/14/18</b>	<b>Fri 7/20/18</b>	[Summary Bar]																																			
22	Erosion Noise and Sediment Controls	5 days	Mon 5/14/18	Fri 5/18/18	[Task Bar]																																			
23	Excavation North Lawn Area	20 days	Mon 5/21/18	Fri 6/15/18	[Task Bar]																																			
24	Transportation and Disposal North Soils	23 days	Thu 5/24/18	Mon 6/25/18	[Task Bar]																																			
25	Backfill North Area Fill and Topsoil	15 days	Mon 6/18/18	Fri 7/6/18	[Task Bar]																																			
26	North Lawn Sprinklers	5 days	Mon 7/9/18	Fri 7/13/18	[Task Bar]																																			
27	Walkway Demo and Reconstruction	10 days	Mon 7/9/18	Fri 7/20/18	[Task Bar]																																			
28	Sod and Seed North	5 days	Mon 7/16/18	Fri 7/20/18	[Task Bar]																																			
29	<b>Planters</b>	<b>50 days</b>	<b>Mon 6/18/18</b>	<b>Fri 8/24/18</b>	[Summary Bar]																																			
30	Excavation and Dismantle Planters	20 days	Mon 6/18/18	Fri 7/13/18	[Task Bar]																																			
31	Transportation and Disposal of Planter Soils	21 days	Mon 6/25/18	Mon 7/23/18	[Task Bar]																																			
32	Construct and Backfill Planters	15 days	Mon 7/16/18	Fri 8/3/18	[Task Bar]																																			
33	Install Trees and Ornamentals	10 days	Mon 8/6/18	Fri 8/17/18	[Task Bar]																																			
34	Demobilization of Site Facilities	5 days	Mon 8/20/18	Fri 8/24/18	[Task Bar]																																			
35	<b>Closeout</b>	<b>30 days</b>	<b>Mon 8/20/18</b>	<b>Fri 9/28/18</b>	[Summary Bar]																																			
36	Final As-Builts / Project Closeout	30 days	Mon 8/20/18	Fri 9/28/18	[Task Bar]																																			

Project: COLLEGE POINT IRM 3 Date: Thu 3/8/18	Task		Milestone		Rolled Up Split		External Tasks		Deadline	
	Split		Summary		Rolled Up Milestone		Project Summary			
	Progress		Rolled Up Task		Rolled Up Progress		External Milestone			

PROJECT PROGRESS MEETING 2 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, April 18, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Michael Rose – EnviroTrac*

*John Szymanski – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. on 04/17/18. M. Rose stated that he has reviewed the minutes and has no comments. The minutes from Project Progress Meeting No. 1 are now deemed final.*

**3. Onsite Meeting Re: Noise Barriers**

*Prior to today's Progress Meeting, parties met in the South Lawn Area to discuss the method of installing the noise control barriers. URS emphasized the Department and Rex White's position on not attaching the noise barriers to the condos themselves. Meeting parties agreed it would be acceptable to fasten the noise barriers onto the temporary fencing which will stand in front of the condos. The noise barriers can be moved along the fencing as the excavation moves.*

**4. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac hung the project sign, completed the private utility markout, completed the preconstruction topographic survey in the South Lawn Area, removed select trees/shrubs in the North Lawn Area, collected South Lawn Area waste characterization samples, removed the large, misshapen tree in the South Lawn Area, began the soil/profiling and approvals process, installed chain-link fencing in the North Lawn Area along Riviera Court, and seeded the disturbed region of the North Lawn Area. There was no one present onsite from 04/09/18 through 04/17/18 while survey data was being evaluated. Over this time period, EnviroTrac cleaned the dirt from site roads, collected additional South Lawn Area survey points, and videoed the site roads.*



**5. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on installing the noise barriers in the South Lawn Area, installing the grid stakes for the South Lawn Area Excavation, installing erosion control measures in the South Lawn Area, collecting waste characterization samples from the Planter Boxes and the North Lawn Area, mobilize excavation equipment to the site, and begin the South Lawn Area excavation.*

*A general discussion commenced regarding keeping the site roads clean. EnviroTrac stated that they will place fabric down when moving the skid steer across the road.*

**Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 04/17/18, served as the guide for this discussion. It is included as Attachment C.*

*The South Lawn Area Excavation is currently scheduled to begin on 04/23/18. The start of transportation and disposal of excavated material lags one week behind the start of the excavation .*

**6. Submittals**

Submittal Log Attached (Attachment A)

*EnviroTrac resubmitted the South Lawn Area preconstruction topographic survey to URS on 04/13/18. URS reissued Contract Drawings C-007 – Subgrade Grading Plan South Lawn Area and C-009 – Final Grading Plan South Lawn Area to EnviroTrac on 04/17/18. EnviroTrac's surveyor, LKMA, is installing grade stakes in the South Lawn Area today based off of those plans. K. Jackson stated that a drawing will also be issued to EnviroTrac showing revised details for the South Lawn Area Yard Drain. The depth to the top of the Yard Drain Pipe has been revised.*

*EnviroTrac submitted a revised Noise Mitigation Plan on 04/17/18. URS has reviewed the Plan and it will be approved. URS directed EnviroTrac to post the signed and notarized NYCDEP form included in the Plan inside of their Field Office Trailer.*

*EnviroTrac submitted a revised Vibration Monitoring Plan on 04/17/18. URS will review the submittal. K. Jackson asked EnviroTrac if Vanguard had made any recommendations to them regarding the placement of crack monitors. M. Rose responded that he will contact Vanguard regarding the crack monitors. He also stated that EnviroTrac has completed the three weeks of background settlement monitoring measurements required by the Contract Documents.*

*EnviroTrac submitted a revised Bid Breakdown/Schedule of Values Submittal on 04/06/18. K. Jackson stated that EnviroTrac removed all unit pricing per day from the submittal. Per URS's comments on EnviroTrac's 03/27/18 version of the submittal, unit pricing per day for Bid Items 2 - Site Facilities and Services, 3 - Health and Safety, 4- Community Air Monitoring, 5 – Vibration and Structure Monitoring, and 6 – Survey were to remain. C. Dusel, K. Jackson, and M. Rose will meet to discuss the*

*Submittal after the Progress Meeting.*

*URS responded to EnviroTrac's latest Excavation Work Plan Submittal "Resubmit with Revisions" on 04/16/18. K. Jackson asked EnviroTrac if all of URS's comments were understood. M. Rose requested clarification on the first comment regarding real-time verification of excavation grades for the purposes payment quantities. That clarification was provided today.*

*K. Jackson stated that the submittal for the demarcation barrier had not yet been submitted by EnviroTrac. M. Rose stated that he will provide the Submittal.*

*EnviroTrac submitted their Transportation and Disposal Plan on 04/16/18. Clean Earth in Bethlehem, Pennsylvania is identified as EnviroTrac's primary disposal facility. The Coplay Quarry Reclamation Site in Whitehall, Pennsylvania is identified as an alternative facility. Both facilities accept waste for beneficial use. M. Haggerty expressed concern that the material is not being sent to a permitted solid waste facility. Since the material is being generated as part of a Superfund site, typically the Department's policy is to have the material sent to a permitted solid waste facility for disposal or possibly use as daily cover. The material is not to be reused for any other purpose or leave the site. On 04/13/18, M. Haggerty requested that EnviroTrac receive written confirmation from Clean Earth stating those conditions. EnviroTrac has been unsuccessful in getting that confirmation from Clean Earth this week. EnviroTrac stated that they think that they are conforming to the Contract Documents by sending the material to Clean Earth. M. Rose stated that both proposed facilities are permitted by the State of Pennsylvania and are permitted to accept material from the site. He stated that the final destination of the waste material will be those respective facilities. They will continue to contact Clean Earth regarding M. Haggerty's request.*

*EnviroTrac confirmed that the wood chips from the tree clearing will be shipped offsite with the soil for disposal.*

*EnviroTrac will ship liquids from the site to Clear Flo Technologies in North Lindenhurst, New York for disposal. Decontamination liquids will be included with those shipments. EnviroTrac does not have the approvals from the facility yet. They will obtain those when liquids are generated.*

*EnviroTrac submitted their Community Air Monitoring Plan on 04/17/18. URS will review and respond to the Submittal.*

*EnviroTrac submitted their Traffic Control Plan on 04/17/18. URS will review and respond to the Submittal.*

*EnviroTrac will provide the submittal for the decontamination pad.*

**7. RFIs/Field Orders**  
RFI Log Attached (Attachment A)

*EnviroTrac submitted RFI No. 1 to URS on 03/02/18 regarding grade tolerances*

*during subgrade preparation. URS responded to the RFI on 04/05/18.*

*EnviroTrac submitted RFI No. 2 to URS on 04/09/18 regarding the use of generators to power the Field Office Trailers onsite rather than a power drop. URS approved this substitution on 04/13/18.*

*EnviroTrac submitted RFI No. 3 to URS on 04/09/18 regarding request for additional analytical data from the site . URS responded to the RFI on 04/10/18 with the data. M Rose stated that the request for the data was made from the Coplay Quarry Reclamation Site.*

*EnviroTrac submitted RFI No. 4 to URS on 04/13/18 regarding a request to use a spigot on Cove Court. M. Rose estimated that a few hundred gallons of water would be used. M. Haggerty did not take exception to EnviroTrac speaking directly to Condo 3 Property Manager Rex White regarding the use of the spigot. URS will respond to the RFI.*

**8. Field Clarification Memos**  
FCM Log Attached (Attachment A)

*URS will issue Field Clarification Memo No. 2 to EnviroTrac regarding the protection or removal of select patios in the South Lawn Area. It will be a formal summary of the Pre-Construction Site Walk held on March 9, 2018.*

**9. Disputes/Claims**  
None

**10. Proposed Change Orders**  
None

**11. Payment Applications**

*URS processed Payment Application No. 1. M. Rose stated that Payment Application No. 2 would be submitted at the end of this month for billing through April. K. Jackson requested that EnviroTrac submit certified payroll for surveyor LKMA and vibration and settlement monitor Vanguard . K. Jackson also requested that EnviroTrac submit invoices from LKMA and office trailer provider Cassone.*

*K. Jackson asked EnviroTrac if Gayron DeBruin would be completing any surveying for them onsite. EnviroTrac responded that Gayron DeBruin has been replaced by LKMA for all of EnviroTrac's surveying needs.*

**12. WBE/MBE Utilization**

*EnviroTrac submitted their revised Detailed M/WBE-EEO Utilization Plan on 04/17/18. K. Jackson stated that the accompanying revised 5-page Detailed M/WBE-EEO Work Plan was absent from the submittal. J. Szymanski will submit the Work Plan.*

**13. Health and Safety**

*URS emphasized to the EnviroTrac the importance of limiting decontamination of equipment to designated areas onsite.*

*On 04/10/18, EnviroTrac cleaned site roads at the Department's request. All parties emphasized the importance of keeping site roads clean.*

*On 04/05/18, a resident on Riviera Court complained about the backup alarm on the skid steer loader. M. Haggerty forwarded excerpts of the OSHA regulations to URS that allow for shutting off backup alarms and using a spotter to direct the operator. Noise mitigation of equipment backup alarms will be discussed further in the field by URS and EnviroTrac.*

**14. Open Discussion**

- M. Alliegro received a laptop today to begin generating electronic daily reports. URS sent a sample of a Quality Control Daily Report to EnviroTrac on 04/16/18. EnviroTrac will develop a Quality Control Daily Report Form.*
- Walter T. Gorman Engineering sent URS a form to sign and notarize to complete the NYCDOB permit renewal process. URS will return the form.*
- M. Alliegro completed the preconstruction video of the site roads last week. EnviroTrac will submit the video to URS.*
- Vanguard has completed the pre-construction photo survey report. EnviroTrac will submit the report to URS.*
- EnviroTrac will complete the relocation and stenciling of parking spaces when weather permits.*
- J. Szymanski will purchase furnishings for Engineer's Field Office Trailer. K. Jackson emphasized the importance of scanner/printer being required to accommodate 11" x 17" documents per the Contract. URS and the Department stated that there are issues with the strength of the Wi-Fi onsite. EnviroTrac will investigate the matter.*
- EnviroTrac requested permission to place 3" crushed blue stone for a construction entrance in the North Lawn Area. URS and the Department did not take exception to this.*
- Prior to the meeting, Condo 3 Property Manager Rex White asked URS and the Department to investigate a means to protect a sewer that runs underneath Cove Court from truck traffic. URS will investigate the issue. The possible use of steel plates was discussed briefly.*
- J. Szymanski found out that Amendola's Fence Company in Amityville, New York installed the original 3 ft. vinyl fence at the site. Approximately 900 ft. of diamond post and rail fence were installed. However, they don't pay prevailing wage and won't provide a certified payroll as a result. URS will investigate the matter further.*
- EnviroTrac submitted their Application for Dispensation to the Department on 04/12/18. M. Haggerty signed and returned the form. EnviroTrac returned the form to NYSDOL.*

- *EnviroTrac sent the remaining required materials to Bianca Orwat at URS to get approved in SUBPORT. C. Dusel will confirm with B. Orwat that EnviroTrac has been approved.*
- *K. Jackson asked EnviroTrac to provide a waste hauler's permit for Liotta Brothers Recycling Corp., their C&D debris disposal facility. M. Rose will investigate the matter.*

**15. Onsite Meeting Re: Riviera Court Parking Spaces**

*M. Haggerty stated that he would speak with Villas at Riverview Condo President Clinton Haynes regarding where to relocate the parking spaces needed during material transport. After today's Progress Meeting, K. Jackson, M. Alliegro, C. Dusel, and M. Haggerty met with Clinton Haynes on Riverview Court. Clinton Haynes identified where to relocate the parking spaces. EnviroTrac will relocate the spaces accordingly.*

**16. Action Items**

Previous Action Items

- *EnviroTrac*
  - Expedite Waste Characterization Sampling – **Completed**
  - Submit Pre-Construction Topographic Survey – **Completed**
  - Resubmit Noise Mitigation Plan – **Completed**
  - Submit Vanguard Pre-Construction Photo Survey Report
  - Video Site Roads – **Completed**
  - Submit Daily Reports electronically
  - Resubmit Excavation Work Plan – **Completed**
  - Submit remaining materials required for SUBPORT entry – **Completed**
  - Submit CAP No. 1 into AEGIS – **Completed**
  - Submit Sub-subcontractor Invoices and Certified Payroll for CAP No. 1 – **Completed**
  - Submit revised Detailed M/WBE-EEO Utilization and Work Plan - **Partially Completed, Work Plan Submission Outstanding**
  - Submit an RFI for full-time use of generators onsite – **Completed**
  - Provide a mobile hotspot for internet access – **Completed**
  - Complete stenciling at relocated parking spaces 82D and 84D
  - Provide Decontamination Pad Submittal
- *URS*
  - Review Proposed South Lawn Grid Area Submittal – **Completed**
  - Review Vibration Monitoring Plan Submittal – **Completed**
  - Approve Erosion and Sediment Control Plan Submittal – **Completed**
  - Review revised Health and Safety Plan Submittal – **Completed**
  - Review Well Decommissioning Work Plan Submittal – **Completed**
  - Respond to Bid Breakdown Submittal – **Completed**
  - Provide EnviroTrac with a Sample Quality Control Daily Report – **Completed**
  - Respond to RFI No. 1 – **Completed**
  - Issue Field Clarification Memo regarding patio demolition

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 2  
Page 7**

- Provide EnviroTrac with a markup of CAP No. 1 – **Completed**
- Provide EnviroTrac with a cut sheet of the replacement fence
- Send invoice for pulling NYCDOB permits to EnviroTrac
- Post Contact List in field office trailer – **Completed**
  
- *NYSDEC*

Current Action Items

- *EnviroTrac*
  - *Relocate Riviera Court parking spaces*
  - *Contact Vanguard regarding the placement of crack monitors*
  - *Resubmit Excavation Work Plan Submittal*
  - *Provide submittal for demarcation barrier*
  - *Provide submittal for the decontaminated pad*
  - *Contact Clean Earth regarding written confirmation requested by Mike Haggerty*
  - *Submit certified payroll from Vanguard and LKMA*
  - *Submit invoices from LKMA and Cassone*
  - *Submit Detailed M/WBE-EEO Work Plan*
  - *Submit Daily Reports electronically*
  - *Submit Quality Control Daily Reports*
  - *Submit Video of Site Roads*
  - *Submit Pre-Construction Photo Survey Report*
  - *Complete parking space relocation/stenciling*
  - *Furnish Engineer Field Office Trailer*
  - *Provide a waste haulers permit for Liotta*
  - *Investigate issues with onsite Wi-Fi*
  
- *URS*
  - *Review/Approve Noise Mitigation Plan Submittal*
  - *Issue Drawing to EnviroTrac showing revised South Lawn Area Yard Drain detail*
  - *Review Vibration Monitoring Plan Submittal*
  - *Review Bid Breakdown/Schedule of Values Submittal*
  - *Review Transportation and Disposal Plan Submittal*
  - *Review Community Air Monitoring Plan Submittal*
  - *Review Traffic Control Plan Submittal*
  - *Respond to RFI No. 4*
  - *Issue Field Clarification Memo No. 2*
  - *Add Villas Condo President Clinton Haynes to Contact List*
  - *Return NYCDOB Form to Walter T. Gorman Engineering*
  - *Investigate the replacement of the 3 ft. vinyl fence*
  - *Investigate means to protect sewer on Cove Court*
  - *Confirm EnviroTrac Approval in SUBPORT*
  
- *NYSDEC*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 2  
Page 8**

**17. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 2 was scheduled for Wednesday, May 2, 2018 at 10:00 AM.*

**18. Adjournment**

- *The meeting was adjourned at 12:10 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**



**PROJECT PROGRESS MEETING NO. 2 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, April 18, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 2 Agenda  
Page 2**

**5. Submittals**

- **Submittal Log Attached**
  
  
  
  
  
  
  
  
  
  
  
- **Pre-Construction Topographic Survey**
  
  
  
  
  
  
  
  
  
  
  
- **Noise Mitigation Plan**
  
  
  
  
  
  
  
  
  
  
  
- **Vibration Monitoring Plan**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 2 Agenda  
Page 3**

- **Bid Breakdown**
- **Excavation Work Plan/Demarcation Barrier**
- **Transportation and Disposal Plan**
- **Community Air Monitoring Plan**
- **Traffic Control Plan**

- **Decontamination Pad Submittal**

**6. RFI/Field Orders**

- **RFI Log Attached**

- **RFI No. 1 – Tolerances**

- **RFI No. 2 – Generators for Site Power**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 2 Agenda  
Page 5**

- **RFI No. 3 – Additional Analytical Data for Disposal Facility**

- **RFI No. 4 – Use of Cove Court Spigot**

**7. Field Clarification Memos**

- **Field Clarification Memo Log Attached**
- **FCM No. 2 (Forthcoming) – Patio Removal**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **None**

**10. Payment Applications**

- **Payment Application No. 2**

- **Certified Payroll for Vanguard and LKMA**

- **Invoice from Cassone and LKMA**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Decontamination**

- **Cleanliness of Site Roads**

- **Backup Alarms**

**13. Open Discussion**

- **Daily Construction Report/Quality Control Daily Reports**

- **Permits**

- **Pre-Construction Photo Survey**

- **Crack Monitoring**
- **Video of Site Roads**
- **Parking Space Relocation/Stenciling**
- **Survey/Stake Layout**



- **Field Office Trailer Furnishing**
  
  
  
  
  
  
  
  
  
  
  
  
  
- **SUPPORT Materials**
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Disposal Facility Approvals/Beneficial Re-Use**
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Dispensation Application**

**14. Action Items**

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions	
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions	
			b		4/2/2018	W. Smith	4/9/2018	Approved	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved	
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted	
		01040-2		Staging Areas and Contamination Reduction Zone					
		01040-3		Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved	
	b	4/17/2018	R. West						
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>
		01051-2		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
			a		4/13/2018	R. West			
		01051-3		Survey Instrument Certifications					
		01051-4		Permanent Survey Control Monuments					
		01051-5		Record Survey Drawings					
		01051-6		Survey Field Notes and Records					
		01051-7+		Survey Data and Maps for On-Site Work					
01051-8+		Sample Location Data							
01066	Health and Safety	01066-1		Decontamination Pad Shop Drawings					
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2+		Analytical Results					
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					
		01570-2		Traffic Control Plan	4/17/2018	K. Jackson			
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson			
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson			
		01730-3+		Interim Results Reports					
		01730-4		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
		02220-2		Demarcation Barrier					
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson			
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2+		Waste Manifests (completed)					
		02230-3		Waste Profiles					
		02230-4		Weigh Tickets					
02300	Backfilling, Grading, and Compaction	02300-1		Soil Test Results					
		02300-2		Filling and Grading Work Plan					
		02300-3		Final Grading Plan					
		02300-4		Sample Location Sketch					
		02300-5		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018				
		02508-2		Weekly Air Monitoring Reports					
		02508-3		Raw Monitoring Data					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			b		4/6/2018	K. Jackson			
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/17/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: April 17, 2018 (4:49PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: April 17, 2018 (4:49PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.	
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.	
004	04/13/18	Request for permission to use spigot on Cove Court			

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: April 17, 2018 (4:43PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	



FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.			

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

# NYSDEC COLLEGE POINT 3 IRM SITE COLLEGE POINT, NY

ID	Task Name	Duration	Start	Finish	March					April				May				June				July				August				September				October				November														
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25							
1	<b>NYSDEC College Point 3 IRM Site</b>	<b>159 days</b>	<b>Tue 2/27/18</b>	<b>Fri 10/5/18</b>	[Gantt Bar]																																															
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18	[Milestone]																																															
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18	[Task Bar]																																															
4	<b>Pre-Con Site Work</b>	<b>32 days</b>	<b>Thu 3/15/18</b>	<b>Fri 4/27/18</b>	[Gantt Bar]																																															
5	Initial Environmental Monitoring	5 days	Thu 3/15/18	Wed 3/21/18	[Task Bar]																																															
6	Initial Survey / Stakeout / Geophysical	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
7	Pre-Characterization South Waste Sampling	5 days	Thu 4/5/18	Wed 4/11/18	[Task Bar]																																															
8	Disposal Approvals South	10 days	Mon 4/16/18	Fri 4/27/18	[Task Bar]																																															
9	Site Facilities and Services	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
10	<b>CAMP</b>	<b>90 days</b>	<b>Mon 4/23/18</b>	<b>Fri 8/24/18</b>	[Gantt Bar]																																															
11	CAMP Air Data	90 days	Mon 4/23/18	Fri 8/24/18	[Task Bar]																																															
12	<b>South Lawn Area</b>	<b>57 days</b>	<b>Thu 4/5/18</b>	<b>Fri 6/22/18</b>	[Gantt Bar]																																															
13	Erosion, Noise, Sediment Controls	3 days	Wed 4/18/18	Fri 4/20/18	[Task Bar]																																															
14	Clearing and Demolition of Structures	7 days	Thu 4/5/18	Fri 4/13/18	[Task Bar]																																															
15	Excavation of South Lawn Area	20 days	Mon 4/23/18	Fri 5/18/18	[Task Bar]																																															
16	Transportation and Disposal of South Lawn	23 days	Mon 4/30/18	Wed 5/30/18	[Task Bar]																																															
17	Backfill South Area Fill and Topsoil	10 days	Mon 5/21/18	Fri 6/1/18	[Task Bar]																																															
18	Set South Lawn Drains and Misc. Work	3 days	Mon 6/4/18	Wed 6/6/18	[Task Bar]																																															
19	Fence Restoration South	10 days	Mon 6/4/18	Fri 6/15/18	[Task Bar]																																															
20	South Sprinklers	5 days	Mon 6/11/18	Fri 6/15/18	[Task Bar]																																															
21	Sod and Seed South	5 days	Mon 6/18/18	Fri 6/22/18	[Task Bar]																																															
22	<b>North Lawn Area</b>	<b>72 days</b>	<b>Thu 4/19/18</b>	<b>Fri 7/27/18</b>	[Gantt Bar]																																															
23	Characterization of North Lawn	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
24	Facility Approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
25	Erosion Noise and Sediment Controls	5 days	Mon 5/21/18	Fri 5/25/18	[Task Bar]																																															
26	Excavation North Lawn Area	20 days	Mon 5/28/18	Fri 6/22/18	[Task Bar]																																															
27	Transportation and Disposal North Soils	23 days	Thu 5/31/18	Mon 7/2/18	[Task Bar]																																															
28	Backfill North Area Fill and Topsoil	15 days	Mon 6/25/18	Fri 7/13/18	[Task Bar]																																															
29	North Lawn Sprinklers	5 days	Mon 7/16/18	Fri 7/20/18	[Task Bar]																																															
30	Walkway Demo and Reconstruction	10 days	Mon 7/16/18	Fri 7/27/18	[Task Bar]																																															
31	Sod and Seed North	5 days	Mon 7/23/18	Fri 7/27/18	[Task Bar]																																															
32	<b>Planters</b>	<b>97 days</b>	<b>Thu 4/19/18</b>	<b>Fri 8/31/18</b>	[Gantt Bar]																																															
33	Characterization of Planters	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
34	Facility approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
35	Excavation and Dismantle Planters	20 days	Mon 6/25/18	Fri 7/20/18	[Task Bar]																																															
36	Transportation and Disposal of Planter Soils	21 days	Mon 7/2/18	Mon 7/30/18	[Task Bar]																																															
37	Construct and Backfill Planters	15 days	Mon 7/23/18	Fri 8/10/18	[Task Bar]																																															
38	Install Trees and Ornamentals	10 days	Mon 8/13/18	Fri 8/24/18	[Task Bar]																																															
39	Demobilization of Site Facilities	5 days	Mon 8/27/18	Fri 8/31/18	[Task Bar]																																															
40	<b>Closeout</b>	<b>30 days</b>	<b>Mon 8/27/18</b>	<b>Fri 10/5/18</b>	[Gantt Bar]																																															
41	Final As-Built / Project Closeout	30 days	Mon 8/27/18	Fri 10/5/18	[Task Bar]																																															

Project: COLLEGE POINT IRM 3

Date: Tue 4/17/18

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

External Milestone

Deadline

PROJECT PROGRESS MEETING 3 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, May 2, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West (via telephone) – URS*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No.2 on 05/01/18. M. Rose stated that he has reviewed the minutes and has no comments. The minutes from Project Progress Meeting No. 2 are now deemed final.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac installed the construction grid in the South Lawn Area, collected waste characterization samples in the North Lawn Area and planter boxes, installed temporary fencing and noise barriers in the South Lawn Area, relocated parking spaces on Riviera Court, and adjusted the South Lawn Area grid stakes.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on continuing the South Lawn Area excavation and beginning the transportation and disposal of excavated material.*

**Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 04/27/18, served as the guide for this discussion. It is included as Attachment C.*

*The schedule currently shows the entire project being moved one week out from what was presented in the previous schedule submission on 04/17/18. M. Rose also stated that transportation and disposal of excavated material will begin on 05/09/18, not 05/03/18 as shown on the schedule. EnviroTrac will correct the schedule and resubmit.*

**5. Submittals**

Submittal Log Attached (Attachment A)

*URS returned the Vibration Monitoring Plan “Resubmit with Revisions” on 05/01/18. There are minor revisions to the Plan. The statements about surveying the interiors of building have been removed, a vibration monitor I.D. number must be changed, and the cut sheet for the crack monitors must be appended.*

*EnviroTrac resubmitted their Detailed Bid Breakdown on 04/24/18 with the daily rates that URS requested in their 04/23/18 response to the submittal. URS will review and respond to the submittal.*

*EnviroTrac submitted a revised Excavation Work Plan on 04/26/18, the Transportation and Disposal Plan on 04/16/18, and the Traffic Control Plan on 04/17/18. Each of these plans reference the decontamination pad. URS will conditionally approve the Excavation Work Plan and Transportation and Disposal Plan stating that the details of the decontamination pad will be covered in the decontamination pad submittal.*

*K. Jackson reminded EnviroTrac that per the Contract Documents, solid, non-mesh truck bed covers must be used. EnviroTrac acknowledged this.*

*K. Jackson stated that restrictions on main trucking routes, if any, are currently absent from the Traffic Control Plan. M. Rose will investigate.*

*EnviroTrac has proposed a single, 14-mil liner beneath filter fabric for the decontamination pad in the North and South Lawn Areas in various Plans submitted to date. The fabric and liner will be placed over wattle dike. URS and the Department are willing to be flexible on the decontamination pad for the South Lawn Area on Riviera Court. Today, EnviroTrac proposed doubling the 14-mil liner or increasing the size to the 40 mil liner. URS and the Department would like the North Lawn Area decontamination pad to be constructed as shown in the Contract Documents, with no deviations. EnviroTrac will prepare a formal decontamination pad submittal.*

*EnviroTrac submitted the Community Air Monitoring Plan on 04/17/18. K. Jackson stated that the Plan needs to be revised to include VOC monitoring with PIDs. EnviroTrac does currently have PIDs at the CAMP Stations. The Department needs data showing that VOCs are not detected at action levels on the site borders. URS will return the Community Air Monitoring Plan.*

**6. RFIs/Field Orders**

RFI Log Attached (Attachment A)

*EnviroTrac submitted RFI No. 4 on 04/13/18, a request to use the Cove Court spigot. On 04/23/18, R. White provided approval to EnviroTrac to use the spigot. URS responded to the RFI on 05/01/18.*

*EnviroTrac submitted RFI No. 5 on 04/26/18, a request for URS to provide their intention to install the noise barriers on temporary fencing in the South Lawn Area and a request for a Field Order to complete the work. Today, URS responded that a Field Order would not be granted for the work. The Contract Documents specify that the noise barrier be installed per the New York City Noise Code and the Code requires that the noise barriers be installed on fencing. EnviroTrac responded that they did not want to be held liable for the fencing in the event that the Fire Marshall inspected the site and deemed the fencing an obstruction to egress. URS will discuss the matter further internally.*

**7. Field Clarification Memos**  
FCM Log Attached (Attachment A)

*URS issued Field Clarification Memo No. 2 to EnviroTrac on 04/30/18, which provided clear direction on which patios to protect and remove. EnviroTrac has been executing these directions all along. Field Clarification Memo No. 2 formalized the directions. There have been last minute requests by residents to keep their patios.*

**8. Disputes/Claims**  
None

**9. Proposed Change Orders**

*EnviroTrac submitted PCO No. 1 on 04/25/18 for additional costs associated with the subgrade alterations. A general discussion commenced regarding the PCO. URS does agree that EnviroTrac is due some extra costs for surveying. The remaining costs presented in the PCO are consistent with a request for an increase in the Contract Time. URS told EnviroTrac that they will have to tie those costs into the critical path of the Project Schedule. C. Dusel also stated that the cost for surveying in PCO No. 1 is \$7,400.00 and \$4,852.84 in the latest Detailed Bid Breakdown. M. Rose will review. URS will respond to PCO No. 1.*

**10. Payment Applications**

*EnviroTrac submitted a Draft CAP No. 2 on 04/30/18 for \$202,275. The CAP included additional percentages of lump sum item bid items 1- Mobilization/Demobilization, 2 – Site Facilities and Services, 3 –Health and Safety, 4 – Community Air Monitoring, 5 – Vibration and Structure Monitoring, 6 – Survey, 7 – Erosion and Sediment Control, and 9 – Clearing and Demolition of Vegetation and Above Grade Structures. C. Dusel stated that URS’s current CAP will be sent to the Department on 05/06/18, so EnviroTrac’s CAP No. 2 will be submitted with URS’s next CAP. EnviroTrac’s CAP No. 1 was already submitted to NYSDEC and approved. K. Jackson stated the EnviroTrac needs to update their set of redline drawings.*

*M. Rose stated that he has contacted Vanguard and LKMA regarding receiving certified payrolls from them, but has not received them yet.*



*M. Rose stated that he has also contacted Cassone and LKMA regarding receiving invoices from them, but has not received them yet.*

**11. WBE/MBE Utilization**

*EnviroTrac submitted their revised Detailed M/WBE-EEO Utilization Plan on 04/19/18. URS will review the Plan. EnviroTrac's goal was to increase participation from 20% to 30%.*

**12. Health and Safety**

*EnviroTrac would like Michael Alliegro to serve as both Site Superintendent and Full-time Health and Safety Officer. URS will check specifications and verify that this is acceptable. The Department may be due a credit if Michael Alliegro fills both roles.*

**13. Open Discussion**

- *M. Rose has not yet received the Pre-Construction Photo Survey Report from Vanguard. He will submit it upon receipt.*
- *K. Jackson stated that large, 2ft. to 4 ft. pieces of rock and concrete, and pieces of old telephone poles covered in creosote have been encountered and stockpiled during the South Lawn Area excavation. M. Rose stated that Clean Earth will not accept the telephone poles. URS suggested the use of the large rock/concrete as backfill material for the excavation and placing it on top of the demarcation layer. M. Haggerty stated that he will check with Department Management to verify that this is acceptable.*
- *M. Rose stated that he will contact Clean Earth regarding the final acceptance letter for material from the site. He stated that he thought that the letter, which would contain a Beneficial Use Determination and a statement that the Bethlehem Facility would be the final disposal area for the waste, would come from the Pennsylvania Department of Environmental Protection (PADEP). M. Haggerty stated that that would be preferable.*
- *K. Jackson stated that the printer provided by EnviroTrac is acceptable, but there are still field office trailer items that remain to be provided. M. Rose requested that URS send an e-mail with the remaining items. M Alliegro stated that some office supplies are stored in EnviroTrac's trailer.*
- *URS stated that EnviroTrac does not have security on site. To date, there has been no site security for approximately one month. The Contract Documents specify and the approved Site Security Plan include full-time off hours security. M. Rose apologized for not having security on site sooner and will send security to the site as soon as possible.*
- *K. Jackson reminded EnviroTrac that they are required to submit weekly Community Air Monitoring and Vibration, Crack, and Settlement Monitoring Reports to URS for review and approval. The Weekly Community Air Monitoring*

*Reports should explain any exceedances and contain a map showing the monitoring location points. K. Jackson will review the reports first and bring in the project team as necessary. The first day of Community Air Monitoring on site was Monday 04/23/18. There were only two days of monitoring the week of 04/23/18. That air data will be included in this week's report. M. Haggerty stated that he would like the NYSDOH to receive the reports on Mondays. He would also like them to immediately be notified of any exceedances of the action levels onsite. K. Jackson is clear on the procedure.*

- *R. West would like to change the existing pipe size and grade for the South Lawn Area Yard Drain. He is planning on increasing the pitch of the yard drain pipe from 0.5% to 1%. He will need measurements from the two precast concrete boxes on the western end of the South Lawn Area. R. West stated that the boxes may not be deep enough. K. Jackson and EnviroTrac will collect the measurements.*

#### 14. Action Items

##### Previous Action Items

- *EnviroTrac*
  - *Relocate Riviera Court parking spaces – Completed*
  - *Contact Vanguard regarding the placement of crack monitors- Completed*
  - *Resubmit Excavation Work Plan Submittal – Completed*
  - *Provide submittal for demarcation barrier – Completed*
  - *Provide submittal for the decontaminated pad*
  - *Contact Clean Earth regarding written confirmation requested by Mike Haggerty – No Longer Applicable*
  - *Submit certified payroll from Vanguard and LKMA*
  - *Submit invoices from LKMA and Cassone*
  - *Submit Detailed M/WBE-EEO Work Plan – Completed*
  - *Submit Daily Reports electronically – Completed*
  - *Submit Quality Control Daily Reports – Completed*
  - *Submit Video of Site Roads – Completed*
  - *Submit Pre-Construction Photo Survey Report*
  - *Complete parking space relocation/stenciling*
  - *Furnish Engineer Field Office Trailer*
  - *Provide a waste haulers permit for Liotta – Completed*
  - *Investigate issues with onsite wi-fi – Completed*
- *URS*
  - *Review/Approve Noise Mitigation Plan Submittal – Completed*
  - *Issue Drawing to EnviroTrac showing revised South Lawn Area Yard Drain detail – Completed*
  - *Review Vibration Monitoring Plan Submittal – Completed*
  - *Review Bid Breakdown/Schedule of Values Submittal – Completed*
  - *Review Transportation and Disposal Plan Submittal*
  - *Review Community Air Monitoring Plan Submittal*
  - *Review Traffic Control Plan Submittal*
  - *Respond to RFI No. 4 – Completed*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 3  
Page 6**

- *Issue Field Clarification Memo No. 2*
- *Add Villas Condo President Clinton Haynes to Contact List – Completed*
- *Return NYCDOB Form to Walter T. Gorman Engineering – Completed*
- *Investigate the replacement of the 3 ft. vinyl fence*
- *Investigate means to protect sewer on Cove Court*
- *Confirm EnviroTrac Approval in SUBPORT – Completed*
  
- *NYSDEC*

Current Action Items

- *EnviroTrac*
  - *Resubmit Project Progress Schedule*
  - *Resubmit Vibration Monitoring Plan*
  - *Prepare submittal for decontamination pad*
  - *Review surveying unit costs*
  - *Update Redline Drawings*
  - *Submit certified payroll from Vanguard and LKMA*
  - *Submit invoices from LKMA and Cassone*
  - *Submit Pre-Construction Photo Survey Report*
  - *Submit final acceptance letter for waste from the site*
  - *Provide remaining furnishings for the field office trailer*
  - *Provide Weekly Community Air Monitoring and Settlement, Crack, and Vibration Monitoring Reports*
  - *Provide precast concrete structure measurements to R. West*
  - *Start site security as soon as possible*
  
- *URS*
  - *Approve Excavation Work Plan Submittal*
  - *Approve Transportation and Disposal Plan Submittal*
  - *Return Traffic Control Plan Submittal*
  - *Return Community Air Monitoring Plan submittal*
  - *Review and respond to Detail Bid Breakdown Submittal*
  - *Discuss Field Order for South Lawn Area fencing*
  - *Respond to PCO No. 1*
  - *Process CAP No. 2*
  - *Determine if Michael Alliegro can serve as both Site Superintendent and Health and Safety Officer*
  - *Review Detailed M/WBE-EEO Utilization Plan*
  - *Send EnviroTrac an e-mail with the remaining items for the field office trailer.*
  - *Re-issue South Lawn Area Yard Drain Detail*
  
- *NYSDEC*
  - *Verify the acceptability of using large rock/concrete as backfill with management.*
  - *Check with condo association for tree removal at property line*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 3  
Page 7**

**15. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 4 was scheduled for Wednesday, May 16, 2018 at 10:00 AM.*

**16. Adjournment**

- *The meeting was adjourned at 12:14 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 3 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, May 2, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 3 Agenda  
Page 2**

**5. Submittals**

- **Submittal Log Attached**

- **Vibration Monitoring Plan**

- **Bid Breakdown**

- **Excavation Work Plan**

- **Transportation and Disposal Plan**
- **Traffic Control Plan**
- **Decontamination Pad Submittal**
- **Community Air Monitoring Plan**



**College Point 3 Interim Remedial Measure  
Progress Meeting No. 3 Agenda  
Page 4**

- 6. RFI/Field Orders**
  - **RFI Log Attached**

- **RFI No. 4 – Use of Cove Court Spigot**

- **RFI No. 5 – South Lawn Fence**

- 7. Field Clarification Memos**
  - **Field Clarification Memo Log Attached**
  - **FCM No. 2 – Patio Removal**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 3 Agenda  
Page 5**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**

**10. Payment Applications**

- **Payment Application No. 2**

- **Certified Payroll for Vanguard and LKMA**

- **Invoice from Cassone and LKMA**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Full-Time Health and Safety Officer**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 3 Agenda  
Page 7**

**13. Open Discussion**

- **Pre-Construction Photo Survey**

- **Waste Streams**

- **Disposal Facility Approvals/Manifests**

- **Field Office Trailer Furnishing**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 3 Agenda  
Page 8**

- **Site Security**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **CAMP/Vibration, Crack, Settlement Weekly Reports**

**14. Action Items**

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01035	Health and Safety	01035-1	a	Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions	
			b		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions	
					4/2/2018	W. Smith	4/9/2018	Approved	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved	
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted	
		01040-2		Staging Areas and Contamination Reduction Zone					
		01040-3		Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved	
			b		4/17/2018	R. West			
c	4/27/2018	R. West							
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
			b		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
		01051-3		Survey Instrument Certifications					
		01051-4		Permanent Survey Control Monuments					
		01051-5		Record Survey Drawings					
		01051-6		Survey Field Notes and Records					
		01051-7+		Survey Data and Maps for On-Site Work					
01051-8+		Sample Location Data							
01066	Health and Safety	01066-1		Decontamination Pad Shop Drawings					
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			b		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2	a	RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			b		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			c		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
					3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2+		Analytical Results					
01510	Site Facilities and Services	01510-1	a	Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					
		01570-2		Traffic Control Plan	4/17/2018	K. Jackson			
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1	a	Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			b		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
					4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-2	a	Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
					4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3+		Interim Results Reports					
		01730-4		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
					3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			4/3/2018		R. West/K. Jackson	4/5/2018	Approved		
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			b		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson			
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2+		Waste Manifests (completed)					
		02230-3		Waste Profiles					
02230-4		Weigh Tickets							
02300	Backfilling, Grading, and Compaction	02300-1		Soil Test Results					
		02300-2		Filling and Grading Work Plan					
		02300-3		Final Grading Plan					
		02300-4		Sample Location Sketch					
		02300-5		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		02508-2		Weekly Air Monitoring Reports					
		02508-3		Raw Monitoring Data					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			b		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
			c		4/24/2018	K. Jackson			
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: May 1, 2018 (2:10PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: May 1, 2018 (2:09PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.	
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.	
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.	
005	04/26/18	Please acknowledge intention to attach noise barriers to temporary chain-link fence, and provide a field order to install this fence in the South Lawn area along Buildings 2, 3, 4, and 5.			

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: April 17, 2018 (4:43PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	



**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**



# NYSDEC COLLEGE POINT 3 IRM SITE COLLEGE POINT, NY

ID	Task Name	Duration	Start	Finish	March					April				May				June				July				August				September				October				November														
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25							
1	<b>NYSDEC College Point 3 IRM Site</b>	<b>164 days</b>	<b>Tue 2/27/18</b>	<b>Fri 10/12/18</b>	[Gantt Bar]																																															
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18	[Milestone]																																															
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18	[Task Bar]																																															
4	<b>Pre-Con Site Work</b>	<b>32 days</b>	<b>Thu 3/15/18</b>	<b>Fri 4/27/18</b>	[Gantt Bar]																																															
5	Initial Environmental Monitoring	5 days	Thu 3/15/18	Wed 3/21/18	[Task Bar]																																															
6	Initial Survey / Stakeout / Geophysical	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
7	Pre-Characterization South Waste Sampling	5 days	Thu 4/5/18	Wed 4/11/18	[Task Bar]																																															
8	Disposal Approvals South	10 days	Mon 4/16/18	Fri 4/27/18	[Task Bar]																																															
9	Site Facilities and Services	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
10	<b>CAMP</b>	<b>90 days</b>	<b>Mon 4/23/18</b>	<b>Fri 8/24/18</b>	[Gantt Bar]																																															
11	CAMP Air Data	90 days	Mon 4/23/18	Fri 8/24/18	[Task Bar]																																															
12	<b>South Lawn Area</b>	<b>62 days</b>	<b>Thu 4/5/18</b>	<b>Fri 6/29/18</b>	[Gantt Bar]																																															
13	Erosion, Noise, Sediment Controls	3 days	Wed 4/18/18	Fri 4/20/18	[Task Bar]																																															
14	Clearing and Demolition of Structures	7 days	Thu 4/5/18	Fri 4/13/18	[Task Bar]																																															
15	Excavation of South Lawn Area	20 days	Mon 4/30/18	Fri 5/25/18	[Task Bar]																																															
16	Transportation and Disposal of South Lawn	23 days	Thu 5/3/18	Mon 6/4/18	[Task Bar]																																															
17	Backfill South Area Fill and Topsoil	10 days	Mon 5/28/18	Fri 6/8/18	[Task Bar]																																															
18	Set South Lawn Drains and Misc. Work	3 days	Mon 6/11/18	Wed 6/13/18	[Task Bar]																																															
19	Fence Restoration South	10 days	Mon 6/11/18	Fri 6/22/18	[Task Bar]																																															
20	South Sprinklers	5 days	Mon 6/18/18	Fri 6/22/18	[Task Bar]																																															
21	Sod and Seed South	5 days	Mon 6/25/18	Fri 6/29/18	[Task Bar]																																															
22	<b>North Lawn Area</b>	<b>77 days</b>	<b>Thu 4/19/18</b>	<b>Fri 8/3/18</b>	[Gantt Bar]																																															
23	Characterization of North Lawn	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
24	Facility Approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
25	Erosion Noise and Sediment Controls	5 days	Mon 5/28/18	Fri 6/1/18	[Task Bar]																																															
26	Excavation North Lawn Area	20 days	Mon 6/4/18	Fri 6/29/18	[Task Bar]																																															
27	Transportation and Disposal North Soils	23 days	Thu 6/7/18	Mon 7/9/18	[Task Bar]																																															
28	Backfill North Area Fill and Topsoil	15 days	Mon 7/2/18	Fri 7/20/18	[Task Bar]																																															
29	North Lawn Sprinklers	5 days	Mon 7/23/18	Fri 7/27/18	[Task Bar]																																															
30	Walkway Demo and Reconstruction	10 days	Mon 7/23/18	Fri 8/3/18	[Task Bar]																																															
31	Sod and Seed North	5 days	Mon 7/30/18	Fri 8/3/18	[Task Bar]																																															
32	<b>Planters</b>	<b>102 days</b>	<b>Thu 4/19/18</b>	<b>Fri 9/7/18</b>	[Gantt Bar]																																															
33	Characterization of Planters	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
34	Facility approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
35	Excavation and Dismantle Planters	20 days	Mon 7/2/18	Fri 7/27/18	[Task Bar]																																															
36	Transportation and Disposal of Planter Soils	21 days	Mon 7/9/18	Mon 8/6/18	[Task Bar]																																															
37	Construct and Backfill Planters	15 days	Mon 7/30/18	Fri 8/17/18	[Task Bar]																																															
38	Install Trees and Ornamentals	10 days	Mon 8/20/18	Fri 8/31/18	[Task Bar]																																															
39	Demobilization of Site Facilities	5 days	Mon 9/3/18	Fri 9/7/18	[Task Bar]																																															
40	<b>Closeout</b>	<b>30 days</b>	<b>Mon 9/3/18</b>	<b>Fri 10/12/18</b>	[Gantt Bar]																																															
41	Final As-Built / Project Closeout	30 days	Mon 9/3/18	Fri 10/12/18	[Task Bar]																																															

Project: COLLEGE POINT IRM 3

Date: Fri 4/27/18

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

External Milestone

Deadline

PROJECT PROGRESS MEETING 4 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, May 16, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC  
Chuck Dusel – URS  
Kyle Jackson – URS  
Randy West (via telephone) – URS  
Michael Rose – EnviroTrac  
Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No.3 on 05/15/18. M. Rose stated that he has reviewed the minutes and has no comments. The minutes from Project Progress Meeting No. 3 are now deemed final.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac revised the South Lawn Area Grid, conducted excavation in the South Lawn Area, and completed a topographic survey of the North Lawn Area.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on continuing the South Lawn Area excavation, beginning the transportation and disposal of excavated material from the South Lawn Area, and completing additional surveys in the North and South Lawn Areas.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 05/09/18, served as the guide for this discussion. It is included as Attachment C.*

*The schedule currently shows the North Lawn Area excavation beginning on Monday 06/04/18. M. Rose asked of URS will be revising the North Lawn Area Grading Plans as they did for the South Lawn Area. R. West responded that URS will be revising those Plans, but he did not anticipate as many changes as there were for the South Lawn Area. EnviroTrac's surveyor completed the North Lawn Area topographic survey on 05/15/18. EnviroTrac will send the data to URS to review.*

*M. Rose also stated the EnviroTrac may bring on a WMBE sub-subcontractor to assist during excavation operations in the North Lawn Area.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*URS returned EnviroTrac's decontamination pad submittal "Resubmit with Revisions" on 05/15/18 with a request for an explanation of how decontamination water will be collected on the Riviera Court platform. EnviroTrac responded that the water will be collected with a ShopVac®. M. Alliegro noted that the smooth surface of the liner may cause the geotextile fabric installed on top of it to slip as trucks are moving across it. He suggested possibly using a spray adhesive between the liner and the fabric. R. West stated that a textured liner would be better than a smooth liner. He also recommended placing a fraction of an inch of sand between the liner and the geotextile fabric to stabilize it. M. Haggerty stated that he noticed a hole in the liner. EnviroTrac will resolve.*

*URS returned EnviroTrac's Bid Breakdown Submittal "Resubmit with Revisions" on 05/03/18. They noted that the daily rate of \$4,852.94/day for the surveyor seemed high and the \$23,000 for site security in Bid Item No. 2 – Site Facilities and Services appeared low. EnviroTrac will resubmit their Bid Breakdown.*

*URS returned EnviroTrac's Community Air Monitoring Plan "Resubmit with Revisions" on 05/04/18. EnviroTrac needs to copy and paste URS' comments on the VOC monitoring and provide OSHA HAZWOPER certifications for Preferred Environmental Services personnel. EnviroTrac will resubmit the Community Air Monitoring Plan.*

*K. Jackson stated that Preferred Environmental Services has been providing Weekly Community Air Monitoring Reports in a timely fashion by noon on the following Monday. The reports have been sent to NYSDOH. There have been no exceedances so far.*

*On May 15, 2018, EnviroTrac submitted Weekly Vibration Monitoring Reports for the weeks ending 03/30/18, 04/06/18, 04/13/18, and 04/20/18 and Weekly Settlement Monitoring Reports for the weeks ending 03/24/18, 03/30/18, 04/06/18, and 04/13/18. URS will review and respond to the reports.*

*URS returned EnviroTrac's Vibration Monitoring Plan "Resubmit with Revisions" on 05/01/18 with minor comments. M. Rose acknowledged that the submittal was outstanding. M. Rose also stated that Vanguard Management has been difficult to deal with. They have requested payment ahead of their agreed upon terms with EnviroTrac. M. Rose also thinks that they are holding the pre-construction photo survey report.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*URS responded to RFI No. 5, a request for Field Order to install temporary fencing in*

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*the South Lawn area along Buildings 2, 3, 4, and 5, on 05/14/18. Field Order No. 5 was included in that response with a direction to install the temporary fencing and place the temporary noise barriers on that fencing.*

*URS issued Field Order No. 1 to EnviroTrac on 05/08/18 with a direction to have ChemTech re-extract a sample from the composite sample collected from North Lawn Area 3 during waste characterization sampling. EnviroTrac executed the direction and submitted PCO No. 1 for the work on 05/09/18.*

*URS issued Field Order No. 2 to EnviroTrac on 05/08/18 with a direction to collect five discrete samples for PCB analysis at the five original North Lawn Area 3 waste characterization sample locations. EnviroTrac executed the direction on 05/08/18 and included the cost for the work in PCO No. 2.*

*URS issued Field Order No. 3 to EnviroTrac on 05/14/18 a direction to collect Geoprobe® samples in the vicinity of sample location N3-5A. On 05/15/18, EnviroTrac notified URS that they will be submitting a PCO for the work. EnviroTrac will most likely use Associated Environmental Services, a W/MBE, to complete the work. URS will provide a geologist to collect and log samples during the work. Meeting parties agreed that EnviroTrac should be paid for the work on a time and materials basis. An estimated 20 locations will have to be drilled up to 6 ft. deep. The work could be completed in one day but site personnel will be prepared for a two-day effort.*

*URS issued Field Order No. 4 to EnviroTrac on 05/14/18 with a direction to identify a disposal facility that will accept material with the excessive PCB concentrations that were recently detected in the North Lawn Area and to dispose of the material. M. Rose requested a figure from URS showing the historical and recent analytical data that he can provide to Clean Earth. Clean Earth will provide the figure to the PADEP. He would like the sampling grid associated with Field Order No. 3 to be shown on the Figure. M. Haggerty suggested starting with the drawing presented in the Limited Site Data Document.*

*M. Rose stated that EnviroTrac has experience is disposing of this type of waste from work that they have performed with the School Construction Authority (SCA). He will send sample paper work to URS for their information. C. Dusel stated that EnviroTrac will need to obtain multiple quotations for the disposal of the waste and we will need approval from NYSDEC contracts section.*

*URS will issue Field Order No. 6 to EnviroTrac for sampling stained soil encountered during the entire North Lawn Area excavation. M. Haggerty stated that per 40 CFR Part 761, material contaminated with PCBs at a concentration greater than 10 ppm can't be left below the cap. This rule applies to sites where the contamination was placed after 1978. This site is technically exempt from the rule, but the Department would like to remain compliant anyway.*

*URS will also issue Field Order No. 7 to EnviroTrac to abandon SVE points in the pavement at the site. There are 25 points, each approximately 8 ft. deep. That will require abandonment. This work will most likely be completed on a T&M basis.*

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- 8. Field Clarification Memos**  
FCM Log Attached (Attachment A)  
None

- 9. Disputes/Claims**  
None

- 10. Proposed Change Orders**  
PCO Log Attached (Attachment A)

*EnviroTrac submitted PCO No. 1 on 04/25/18 for additional costs associated with the subgrade alterations. URS requested clarification on the surveying cost presented in the PCO, \$7,400.00. It is different than the daily rate presented in the bid breakdown, \$4,852.94. M. Rose responded that the cost included two mobilizations for the surveyor for the two corrections of the grading plans that URS issued. URS will respond to PCO No. 1.*

*EnviroTrac submitted PCO No. 2 on 05/09/18 for additional costs associated with direction provided in Field Order Nos. 1 and 2. K. Jackson stated that the bare hourly rate shown for M. Alliegro in the PCO, \$115.00, is significantly higher than his hourly rate in the certified payroll, \$82.13. URS will respond to PCO No. 2.*

- 11. Payment Applications**

*C. Dusel stated that EnviroTrac's CAP No. 2 for \$113,975.00 is in the system. K. Jackson and M. Alliegro stated that EnviroTrac's redline drawings have been checked.*

*EnviroTrac will provide certified payroll for their surveyor, LKMA. Vanguard and Preferred Environmental Services are professional services and do not have to submit certified payroll.*

*M. Rose stated that he has also contacted Cassone and LKMA regarding receiving invoices from them, but has not received them yet.*

- 12. WBE/MBE Utilization**

*C. Dusel stated that EnviroTrac's revised Utilization Plan, submitted on 04/19/18, was submitted to the Department as part of URS' Work Assignment on 05/10/18. M. Haggerty and K. Jackson were copied on the correspondence.*

- 13. Health and Safety**

*URS stated that EnviroTrac's proposed plan to have M. Alliegro serve a dual role as Site Superintendent and Health and Safety Officer is acceptable. M. Rose will update EnviroTrac's Health and Safety Plan. C. Dusel recommended that PPE be evaluated and that the use of over boots or booties be considered when working in the North Lawn Area.*

#### 14. Open Discussion

- *M. Rose has not yet received the Pre-Construction Photo Survey Report from Vanguard. URS emphasized the importance of receiving that Report, so that the pre-existing conditions of the patios can be documented. Drain pipes in the vicinity of some of the patios has caused the soil beneath them to significantly erode. EnviroTrac will place flexible hose on the drain pipes near the affected patios.*
- *K. Jackson stated that he has still not seen security onsite. EnviroTrac stated that EnviroTrac's sub-subcontracted security, JDC, has been onsite. Their first day onsite was Monday 05/07/18. Their hours are 6:00 P.M. to 6:30 A.M.*
- *M. Rose stated that transportation and disposal of South Lawn Area soils will begin on Thursday 05/17/18. Three disposal trucks, making two trips each, will arrive to the site. EnviroTrac would like to pilot test the transportation and disposal initially with only three trucks to evaluate how smoothly the operation proceeds.*
- *C. Dusel stated that EnviroTrac should try to limit stockpiling to extent possible. R. West stated that wattle dikes onsite need to be staked to the ground.*
- *M. Haggerty stated that concrete excavated from areas with elevated PCB concentrations will have to be disposed of, not recycled, even if the waste profile meets recycling criteria. If there is a limit to the particle size of the concrete set by the disposal facility, a hoe ram may have to be mobilized to the site. M. Haggerty stated that all concrete that is excavated from the North Lawn Area that will be sent offsite for recycling will have to be cleaned of visible soils by pressure washing prior to removal from the site. Costs will have to be tracked in the field.*
- *K. Jackson provided EnviroTrac with a list of the remaining items required for the Engineer's Field Office Trailer on 05/11/18. All that remains to be provided is the coffee maker. EnviroTrac will provide.*
- *On 05/09/18, EnviroTrac acknowledged their requirement to pay the \$2,200 invoice from Walter T. Gorman Engineering for fees associated with obtaining permits.*
- *General discussion commenced regarding Clean Earth approval for North Lawn Area soils. M. Rose stated that EnviroTrac does not currently have approval from Clean Earth for the North Lawn Area soils. The PCBs in North Lawn Area 3 are holding up the approval for the soils in the other two Areas. M. Rose stated that he thinks that the PADEP will ultimately want the three North Lawn Areas profiled separately.*
- *EnviroTrac is currently awaiting glassware from ChemTech in order to complete post-excavation sampling in the South Lawn Area. One sample will be collected every 2,500 ft<sup>2</sup>.*

- *K. Jackson stated that EnviroTrac needs to submit the survey data that was collected by LKMA in the South Lawn Area this week for excavation volume verification.*
- *M. Alliegro stated that no irrigation system components have been uncovered in Rex White's side of the South Lawn Area during the course of the excavation. K. Jackson agreed with these remarks. M. Haggerty will follow up with Rex White.*
- *M. Rose stated that EnviroTrac has collected preliminary backfill samples. EnviroTrac has reviewed the analytical results and thinks that the backfill material meets criteria. EnviroTrac will submit the data to URS for review. Per the Contract Documents, the Engineer must be present when backfill samples are collected. K. Jackson will meet M. Rose at the backfill source in-between disposal truck turns sometime next week. Per M. Rose, the source is a two-hour round trip from the site.*
- *URS is revising the Yard Drain shown on Drawing C-007. The revised drawing will be submitted to EnviroTrac this week.*
- *On 05/10/18 EnviroTrac requested that URS issue them a tax exempt certification to them. URS has not issued this type of certification in the past. M. Haggerty will discuss the matter internally at the Department.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Resubmit Project Progress Schedule – Completed*
  - *Resubmit Vibration Monitoring Plan*
  - *Prepare submittal for decontamination pad – Completed*
  - *Review surveying unit costs*
  - *Update Redline Drawings – Completed*
  - *Submit certified payroll from Vanguard and LKMA*
  - *Submit invoices from LKMA and Cassone – Partially Completed*
  - *Submit Pre-Construction Photo Survey Report*
  - *Submit final acceptance letter for waste from the site – Completed*
  - *Provide remaining furnishings for the field office trailer – Completed*
  - *Provide Weekly Community Air Monitoring and Settlement, Crack, and Vibration Monitoring Reports – Partially Completed*
  - *Provide precast concrete structure measurements to R. West – Completed*
  - *Start site security as soon as possible – Completed*
- *URS*
  - *Approve Excavation Work Plan Submittal – Completed*
  - *Approve Transportation and Disposal Plan Submittal – Completed*
  - *Return Traffic Control Plan Submittal- Completed*
  - *Return Community Air Monitoring Plan submittal- Completed*
  - *Review and respond to Detail Bid Breakdown Submittal- Completed*

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- *Discuss Field Order for South Lawn Area fencing – **Completed***
- *Respond to PCO No. 1 – **Completed***
- *Process CAP No. 2 – **Completed***
- *Determine if Michael Alliegro can serve as both Site Superintendent and Health and Safety Officer – **Completed***
- *Review Detailed M/WBE-EEO Utilization Plan – **Completed***
- *Send EnviroTrac an e-mail with the remaining items for the field office trailer.- **Completed***
- *Re-issue South Lawn Area Yard Drain Detail – **Completed***
- **NYSDEC**
  - *Verify the acceptability of using large rock/concrete as backfill with management. – **Completed***
  - *Check with condo association for tree removal at property line – **Completed***

Current Action Items

- **EnviroTrac**
  - *Submit North Lawn Area topographic survey.*
  - *Resubmit Decontamination Pad Submittal.*
  - *Resolve hole observed in Riviera Court Decontamination Pad Liner.*
  - *Resubmit Bid Breakdown.*
  - *Resubmit Community Air Monitoring Plan*
  - *Resubmit Vibration Monitoring Plan*
  - *Submit PCO for work associated with Field Order No. 3*
  - *Resubmit PCO No. 1*
  - *Resubmit PCO No. 2*
  - *Submit Cassone Invoice*
  - *Submit LKMA invoice and certified payroll*
  - *Update Health and Safety Plan to show M. Alliegro as Site Superintendent and Health and Safety Officer.*
  - *Submit Pre-Construction Photo Survey*
  - *Add flexible hoses to drain pipes at select patios in the South Lawn Area*
  - *Complete furnishing Engineer's Field Office Trailer*
  - *Pay Walter T. Gorman Invoice*
  - *Submit South Lawn Area Survey Data*
  - *Submit backfill analytical data*
  - *Send sample paperwork from hazardous waste facilities*
- **URS**
  - *Review and Respond to Weekly Vibration and Settlement Monitoring Reports.*
  - *Prepare North Lawn Area Figure showing analytical data.*
  - *Issue Field Order No. 6*
  - *Issue Field Order No. 7*
  - *Respond to PCO No. 1*
  - *Respond to PCO No. 2*
  - *Submit revised Yard Drain Details to EnviroTrac*
- **NYSDEC**
  - *Discuss South Lawn Area Irrigation System with Rex White.*
  - *Discuss the issuance of a tax form to EnviroTrac internally at the*



*Department*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 5 was scheduled for Wednesday, May 30, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:13 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 3 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, May 16, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

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Progress Meeting No. 4 Agenda  
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- 5. Submittals**
  - Submittal Log Attached**
  
  - Decontamination Pad**
  
  - Bid Breakdown**
  
  - Community Air Monitoring Plan**



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Progress Meeting No. 4 Agenda  
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**6. RFI/Field Orders**

- **RFI Log Attached**

- **RFI No. 5 – South Lawn Fence**

- **Field Order No. 1 – North Lawn Waste Characterization Sample Re-Extraction**

- **Field Order No. 2 – Additional North Lawn Waste Characterization Sampling**

- **Field Order No. 3 – North Lawn Geoprobe® Sampling**

- **Field Order No. 4 – Excessive PCB Impacted Waste Disposal Facility**

- **Field Order No. 5 – South Lawn Temporary Fence Installation**

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**7. Field Clarification Memos**

- None

**8. Disputes/Claims**

- None

**9. Proposed Change Orders**

- PCO-1 – Subgrade Alterations

- PCO-2 – PCB Samples



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**10. Payment Applications**

- **Payment Application No. 2**

- **Certified Payroll for Vanguard and LKMA**

- **Invoice from Cassone and LKMA**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Full-Time Health and Safety Officer**

**13. Open Discussion**

- **Pre-Construction Photo Survey**

- **Site Security**

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- **Transportation and Disposal**

- **Field Office Trailer Furnishing**

- **Site Security**

- **Walter T. Gorman Invoicing**

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- **Clean Earth Approval**

- **40 CFR Part 761**

- **Stockpiling**

- **Post Excavation Sampling**

- **Backfill Source**

- **Survey Data**

**14. Action Items**

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**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
		01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
01040	Project Coordination	01040-3		Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
			a		3/8/2018	R. West	3/12/2018	Approved		
			b		4/17/2018	K. Jackson				
			c		4/27/2018	K. Jackson				
			d		5/9/2018	K. Jackson				
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>	
		01051-2		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
			a		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
			b	4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>		
		01051-3		Survey Instrument Certifications						
		01051-4		Permanent Survey Control Monuments						
		01051-5		Record Survey Drawings						
		01051-6		Survey Field Notes and Records						
01051-7+		Survey Data and Maps for On-Site Work								
01051-8+		Sample Location Data								
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			b		3/2/2018	K. Jackson	3/5/2018	Approved		
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions		
	b	3/8/2018	K. Jackson	3/12/2018	Approved					
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions		
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions		
			c		3/22/2018	G. Kisluk	3/22/2018	Approved		
		01400-2+		Analytical Results						
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
		a	3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions				
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved		
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					<i>See T&amp;D Plan and Traffic Control Plan</i>	
		01570-1		Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions		
			a		5/14/2018	K. Jackson	5/15/2018	Approved as Noted		
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted		
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions		
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions		
			b		4/17/2018	K. Jackson	4/23/2018	Approved		
01700	Contract Closeout	01700-1		Project Record Documents						
		01700-2		Quality Control Summary						
		01700-3		Project Close-Out Submittals						
01720	Project Record Documents	01720-1+		As-built Marked Prints						
		01720-2		Final As-built Marked Prints						
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01730	Vibration	01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions		
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions		
				01730-3		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson		
				01730-4		Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson		
				01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson		
				01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson		
				01730-7		Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson		
				01730-8		Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson		
				01730-9		Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson		
				01730-10		Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson		
				01730-11		Final Results Report				
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved		
02110		02110-1		Site Preparation Plan						
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions		
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions		
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved		
		02120-2		SPDES GP-0-15-002 Compliance Information						
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions		
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions		
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted		
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved		
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted		
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions		
		02230-1a		Anticipated Disposal Facility	3/14/2018	K. Jackson	3/15/2018	Approved as Noted		
		02230-2+		Waste Manifests (completed)						
		02230-3		Waste Profiles						
		02230-4		Weigh Tickets						
02300	Backfilling, Grading, and Compaction	02300-1		Soil Test Results						
		02300-2		Filling and Grading Work Plan						
		02300-3		Final Grading Plan						
		02300-4		Sample Location Sketch						
		02300-5		Weigh Bills for Backfill						



SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
		02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
02508	Community Air Monitoring Program	02508-2	a	Weekly Air Monitoring Report - 4/23/18 - to 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - to 5/11/20	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-3		Raw Monitoring Data					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
					4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b			3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
		c			4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
					4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
						4/19/2018	K. Jackson		
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
						3/19/2018	K. Jackson	4/2/2018	Approved
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B. Orwat	3/1/2018	Approved	

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

# Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: May 15, 2018 (6:50PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: May 15, 2018 (6:50PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: May 15, 2018 (6:51PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>			
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	<p>EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: May 15, 2018 (1:58 PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	





**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

# NYSDEC COLLEGE POINT 3 IRM SITE COLLEGE POINT, NY

ID	Task Name	Duration	Start	Finish	March					April				May				June				July				August				September				October				November														
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25							
1	<b>NYSDEC College Point 3 IRM Site</b>	<b>164 days</b>	<b>Tue 2/27/18</b>	<b>Fri 10/12/18</b>	[Gantt Bar]																																															
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18	[Milestone]																																															
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18	[Task Bar]																																															
4	<b>Pre-Con Site Work</b>	<b>32 days</b>	<b>Thu 3/15/18</b>	<b>Fri 4/27/18</b>	[Gantt Bar]																																															
5	Initial Environmental Monitoring	5 days	Thu 3/15/18	Wed 3/21/18	[Task Bar]																																															
6	Initial Survey / Stakeout / Geophysical	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
7	Pre-Characterization South Waste Sampling	5 days	Thu 4/5/18	Wed 4/11/18	[Task Bar]																																															
8	Disposal Approvals South	10 days	Mon 4/16/18	Fri 4/27/18	[Task Bar]																																															
9	Site Facilities and Services	5 days	Thu 3/22/18	Wed 3/28/18	[Task Bar]																																															
10	<b>CAMP</b>	<b>90 days</b>	<b>Mon 4/23/18</b>	<b>Fri 8/24/18</b>	[Gantt Bar]																																															
11	CAMP Air Data	90 days	Mon 4/23/18	Fri 8/24/18	[Task Bar]																																															
12	<b>South Lawn Area</b>	<b>62 days</b>	<b>Thu 4/5/18</b>	<b>Fri 6/29/18</b>	[Gantt Bar]																																															
13	Erosion, Noise, Sediment Controls	3 days	Wed 4/18/18	Fri 4/20/18	[Task Bar]																																															
14	Clearing and Demolition of Structures	7 days	Thu 4/5/18	Fri 4/13/18	[Task Bar]																																															
15	Excavation of South Lawn Area	20 days	Mon 4/30/18	Fri 5/25/18	[Task Bar]																																															
16	Transportation and Disposal of South Lawn	23 days	Tue 5/15/18	Thu 6/14/18	[Task Bar]																																															
17	Backfill South Area Fill and Topsoil	10 days	Mon 5/28/18	Fri 6/8/18	[Task Bar]																																															
18	Set South Lawn Drains and Misc. Work	3 days	Mon 6/11/18	Wed 6/13/18	[Task Bar]																																															
19	Fence Restoration South	10 days	Mon 6/11/18	Fri 6/22/18	[Task Bar]																																															
20	South Sprinklers	5 days	Mon 6/18/18	Fri 6/22/18	[Task Bar]																																															
21	Sod and Seed South	5 days	Mon 6/25/18	Fri 6/29/18	[Task Bar]																																															
22	<b>North Lawn Area</b>	<b>77 days</b>	<b>Thu 4/19/18</b>	<b>Fri 8/3/18</b>	[Gantt Bar]																																															
23	Characterization of North Lawn	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
24	Facility Approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
25	Erosion Noise and Sediment Controls	5 days	Mon 5/28/18	Fri 6/1/18	[Task Bar]																																															
26	Excavation North Lawn Area	20 days	Mon 6/4/18	Fri 6/29/18	[Task Bar]																																															
27	Transportation and Disposal North Soils	23 days	Thu 6/7/18	Mon 7/9/18	[Task Bar]																																															
28	Backfill North Area Fill and Topsoil	15 days	Mon 7/2/18	Fri 7/20/18	[Task Bar]																																															
29	North Lawn Sprinklers	5 days	Mon 7/23/18	Fri 7/27/18	[Task Bar]																																															
30	Walkway Demo and Reconstruction	10 days	Mon 7/23/18	Fri 8/3/18	[Task Bar]																																															
31	Sod and Seed North	5 days	Mon 7/30/18	Fri 8/3/18	[Task Bar]																																															
32	<b>Planters</b>	<b>102 days</b>	<b>Thu 4/19/18</b>	<b>Fri 9/7/18</b>	[Gantt Bar]																																															
33	Characterization of Planters	10 days	Thu 4/19/18	Wed 5/2/18	[Task Bar]																																															
34	Facility approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task Bar]																																															
35	Excavation and Dismantle Planters	20 days	Mon 7/2/18	Fri 7/27/18	[Task Bar]																																															
36	Transportation and Disposal of Planter Soils	21 days	Mon 7/9/18	Mon 8/6/18	[Task Bar]																																															
37	Construct and Backfill Planters	15 days	Mon 7/30/18	Fri 8/17/18	[Task Bar]																																															
38	Install Trees and Ornamentals	10 days	Mon 8/20/18	Fri 8/31/18	[Task Bar]																																															
39	Demobilization of Site Facilities	5 days	Mon 9/3/18	Fri 9/7/18	[Task Bar]																																															
40	<b>Closeout</b>	<b>30 days</b>	<b>Mon 9/3/18</b>	<b>Fri 10/12/18</b>	[Gantt Bar]																																															
41	Final As-Built / Project Closeout	30 days	Mon 9/3/18	Fri 10/12/18	[Task Bar]																																															

Project: COLLEGE POINT IRM 3

Date: Wed 5/9/18

Task

Split

Progress

Milestone

Summary

Rolled Up Task

Rolled Up Split

Rolled Up Milestone

Rolled Up Progress

External Tasks

Project Summary

External Milestone

Deadline

PROJECT PROGRESS MEETING 5 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, May 30, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 4 on 05/29/18. M. Rose is not present at the Meeting today because he is on vacation. EnviroTrac has not yet submitted comments on the meeting*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Alliegro stated that over the past two weeks, EnviroTrac conducted excavation, transportation, and disposal in the South Lawn Area, completed topographic surveys of the North and South Lawn Areas, conducted Geoprobe® sampling in the North Lawn Area, constructed a stone entrance in the North Lawn Area, and collected a sample from their backfill source. M. Rose and J. Szymanski sampled the backfill source on 05/22/18. K. Jackson witnessed the sampling. To date, 68 loads of material have been shipped offsite to Clean Earth for disposal.*

**4. Two-week Look-Ahead**

*M. Alliegro stated that over the next two weeks, EnviroTrac plans on continuing the South Lawn Area excavation, beginning the transportation and disposal of excavated material from the South Lawn Area, and completing additional surveys in the North and South Lawn Areas. M. Alliegro stated that transport trucks have been scheduled for 05/31/18. Three trucks with one turn each will arrive onsite.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 05/29/18, served as the guide for this discussion. It is included as Attachment C.*

*C. Dusel noted that the Project Progress Schedule and the Two-Week Look Ahead/Look Behind Schedule are not aligned. K Jackson will provide comments on*

*the Project Progress Schedule.*

*M. Haggerty was not opposed to EnviroTrac starting work in the North Lawn Area. M. Alliegro stated that EnviroTrac will begin North Lawn Area clearing and grubbing next week.*

*M. Alliegro stated that EnviroTrac will mobilize a dump truck to the site on Thursday 05/31/18 to transport planter box soils onsite.*

*M. Alliegro stated that EnviroTrac also plans on using the dump truck to transport the remnants of the South Lawn Area stockpile and staging it in the North Lawn Area. He stated that it is not feasible to bring Clean Earth transport trucks into the South Lawn Area.*

*M. Alliegro asked if EnviroTrac was clear to backfill the South Lawn Area without receiving the analytical results of the documentation sampling. M. Haggerty responded that EnviroTrac could backfill prior to receiving the results.*

## **6. Submittals**

**Submittal Log Attached (Attachment A)**

*URS has not yet received EnviroTrac's Filling and Grading Work Plan. M. Alliegro will notify M. Rose that the Plan is outstanding.*

*URS returned EnviroTrac's Bid Breakdown "Resubmit with Revisions" on 05/03/18. URS' principal review items were the daily rate for the surveyor and the total cost of site security. EnviroTrac will resubmit their Bid Breakdown.*

*EnviroTrac submitted their revised Community Air Monitoring Plan on 05/18/18. All of URS' comments were addressed. The revised Plan will be approved.*

*K. Jackson stated that EnviroTrac's CAMP sub-subcontractor, Preferred Environmental Services, has been submitting the daily and weekly community air monitoring data on-time. K. Jackson stated that per the Contract Documents, EnviroTrac must submit a CD or DVD containing the raw community air monitoring data on a monthly basis. EnviroTrac will submit the data.*

*EnviroTrac submitted the first group of weekly vibration and settlement monitoring reports on 05/15/18. URS has reviewed the reports and all of the settlement monitoring reports will be returned "Resubmit with Revisions" with minor adjustments. Some of the vibration monitoring reports are missing data and will be returned "Resubmit with Revisions". URS will return the submittals.*

*URS returned EnviroTrac's Vibration Monitoring Plan "Resubmit with Revisions" on 05/01/18 with minor comments. M. Alliegro stated that EnviroTrac has worked through issues that they were having with Vanguard, their vibration and settlement monitoring sub-subcontractor, and should be receiving the report soon.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*K. Jackson will draft Field Order No. 6 to EnviroTrac for sampling stained soil encountered during the entire North Lawn Area excavation. Per M. Haggerty, the Field Order will include 24-hour turnaround time for PCB analysis only.*

*K. Jackson will also draft Field Order No. 7 to EnviroTrac to abandon SVE points in the pavement at the site. M. Alliegro requested a map of the SVE points.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*URS responded to EnviroTrac's PCO No. 1, for additional costs associated with the subgrade alterations, "Resubmit with Revisions" on 05/17/18. EnviroTrac responded to URS response on 05/23/18. Some additional internal discussion between the Department and URS is warranted for this PCO.*

*URS responded to EnviroTrac's PCO No. 2, for additional costs associated with direction provided in Field Order Nos. 1 and 2 for additional North Lawn Area PCB samples, "Resubmit with Revisions" on 05/17/18. EnviroTrac resubmitted PCO No. 2 on 05/17/18 and 05/18/18. Both revisions included adjustments to markup percentages. URS will review and respond to the PCO.*

*URS responded to EnviroTrac's PCO No. 3, for additional costs associated with direction provided in Field Order Nos. 3 for North Lawn Area Geoprobe® Sampling, "Resubmit with Revisions" on 05/17/18. EnviroTrac resubmitted PCO No. 3 on 05/18/18. Both revisions included adjustments to markup percentages. URS will review and respond to PCO No. 3. K. Jackson stated that EnviroTrac will need to revised PCO No. 3 again to include a PID and drum that were used during the Geoprobe® sampling.*

*EnviroTrac placed the Geoprobe® drilling spoils into the same drum that they brought onsite to containerize the materials from the pavement cleaning that they completed on 04/10/18. The drum is currently located in the Department's fenced enclosure on Capstan Court. M. Alliegro stated that the drum contents will likely be emptied into a rolloff or dump truck with PCB contaminated soils excavated near sample location N3-5A.*

**11. Payment Applications**

*M. Alliegro stated that M. Rose is currently preparing CAP No. 3. K. Jackson stated EnviroTrac has not yet submitted invoices or certified payroll from LKMA, EnviroTrac's sub-subcontracted surveyor.*

**12. WBE/MBE Utilization**

*At Project Progress Meeting No. 4, M. Rose stated that EnviroTrac may use a WBE/MBE excavating sub-subcontractor to assist them in the North Lawn Area. M. Alliegro stated that M. Rose has not mentioned the sub-subcontractor to him since Meeting No. 4. C. Dusel stated that EnviroTrac's WBE/MBE Utilization Plan will have to be modified if the sub-subcontractor is used.*

**13. Health and Safety**

*Both Associated Environmental Services Driller Kinsley Norion and EnviroTrac Laborer/Operator Stephen Smith were injured offsite after hours last week. K. Jackson reminded meeting parties to be mindful of Health and Safety even after hours.*

*EnviroTrac hit a buried Spectrum ® cable line near Condo 3 Building 4 while excavating in the South Lawn Area on 05/22/18. Spectrum ® repaired the line on 05/22/18 and notified EnviroTrac that they may upgrade the repair at a later date. M. Alliegro stated that Spectrum ® informed him that they will not charge for the repair.*

*EnviroTrac still needs to revise the Health and Safety Plan identifying M. Alliegro as the Site Superintendent and Health and Safety Officer.*

*K. Jackson stated that per Contract Specification Section 00003, Paragraph D. 1. f, personnel monitoring must be conducted for particulates, metals, and pesticides. EnviroTrac is currently only monitoring for pesticides. Preferred Environmental Services asked K. Jackson onsite if monitoring for pesticides and metals was necessary. Their lab currently can't run pesticides at all. URS requested that Preferred Environmental Services go through EnviroTrac with the question. EnviroTrac will submit an RFI on the matter.*

**14. Open Discussion**

- *K. Jackson stated that to date, none of the Clean Earth transport trucks have had the non-mesh covers specified by the Contract Documents. M. Alliegro stated that EnviroTrac has requested non-mesh covers from Clean Earth. M. Alliegro also stated that only six loads remain in the South Lawn Area that can be reached by the excavator for loadout into Clean Earth trucks. By the end of the day tomorrow 05/31/18, EnviroTrac will have shipped all of the soil that they can be directly loaded out into trucks. C. Dusel recommended keeping blue tarps onsite that the truck drivers can use to cover the loads. URS would like the tarps used for the six remaining Clean Earth loads onsite. EnviroTrac will use the tarps.*
- *M. Haggerty stated that per the Department Contract Manager, a minimum of*



**College Point 3 Interim Remedial Measure  
Project Progress Meeting 5  
Page 5**

*three quotations are required for the disposal of the PCB-impacted soils associated with Field Order No. 4. The dollar value of the disposal would even require more quotations. Meeting parties understood that the quotations didn't necessarily have to be the three closest facilities to the site. K. Jackson stated that M. Rose had not received any quotations as of Thursday 05/24/18.*

- *K. Jackson stated that EnviroTrac mobilized a small hoe ram to the site to break up approximately 20-cubic yards of concrete to load out with the soil. M. Alliegro stated that there would be no extra cost for the hoe ram. C. Dusel thanked M. Alliegro for the effort.*
- *M. Haggerty stated that some refusal was encountered during the North Lawn Area Geoprobe ® sampling. Pieces of concrete were observed in the sample liners. He also noticed visually impacted soils at deeper elevations. The Department will likely want to excavate all of the impacted soils, but excavation near the Villas patio is a concern.*
- *M. Haggerty researched the tax exemption issue and determined that it is EnviroTrac's responsibility to complete the tax exemption form. URS will forward tax exemption information to EnviroTrac.*
- *EnviroTrac submitted the waste profile for the Planter Box Soils today. M. Haggerty will review the profile on Thursday 05/31/18.*
- *EnviroTrac did not submit a second Excavation Work Plan for the Planter Boxes. The Planter Box excavations will be completed via hand excavation and the small excavator. The mini-dump truck will be used to transport planter box soils to the North Lawn Area for stockpiling.*
- *URS stated that post-excavation sampling should not be completed until the post-excavation survey is completed, so that grades can be confirmed. M. Alliegro stated that EnviroTrac's surveyor will be onsite on Monday 06/04/18. It will take a few days to get the survey results to URS.*
- *M. Haggerty followed up with Rex White regarding the replacement of the South Lawn Area irrigation system. R. White agreed with M. Haggerty that the Department cannot pay for sections of the irrigation system that were not originally in place.*
- *The analytical results from the backfill sampling completed by M. Rose and J. Szymanski on 05/22/18 needs to be submitted. M. Alliegro will notify M. Rose.*
- *J. Szymanski had previously stated that he has identified a topsoil source. M. Alliegro will follow up with J. Szymanski to confirm that the source is still valid.*
- *EnviroTrac submitted the North Lawn Topographic Survey on 05/23/18. K. Jackson asked whether or not it should be logged and reviewed as a formal submittal. R. West responded that it should be reviewed as a formal submittal.*

*URS will review and respond to the submittal.*

- *K. Jackson stated that on 05/22/18, EnviroTrac submitted the grade shots that they collected from the bottom of the South Lawn Area Excavation on 05/15/18. K. Jackson asked whether or not a more formal submittal with grade contours was required to verify the EnviroTrac had achieved the required grades. R. West responded that grade contours were not necessary and that a check of the grade shots against elevations on the final Subgrade Grading Plan would be sufficient.*
- *M. Alliegro stated that EnviroTrac's surveyor, LKMA, will be onsite on Monday 06/04/18 to continue surveying in the South Lawn Area. K. Jackson stated that URS will need the survey data as quickly as possible.*
- *The resident at Yard 10 voiced frustration to EnviroTrac as they were working in the South Lawn Area on 05/25/18 that his patio will not be removed and replaced. The resident is a renter and does not own the home. Both the Department and Rex White are in agreement that the patio should be left as is and should not be removed and replaced.*
- *URS will re-issue the Yard Drain Detail to EnviroTrac. R. West stated that the yard drain pipe should be installed inside of a stone bed. M. Alliegro inquired about the use of pipe that was pre-packaged inside of stone. R. West responded that pre-packaged pipe would be unacceptable.*
- *While excavating in the South Lawn Area on 05/29/18, EnviroTrac damaged an 8" precast pipe that extended northward to Building 3 from the catch basin located immediately east of the stockpile. EnviroTrac will repair the pipe at no extra cost.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Submit North Lawn Area topographic survey. – **Completed***
  - *Resubmit Decontamination Pad Submittal.- **Completed***
  - *Resolve hole observed in Riviera Court Decontamination Pad Liner. – **Completed***
  - *Resubmit Bid Breakdown.*
  - *Resubmit Community Air Monitoring Plan - **Completed***
  - *Resubmit Vibration Monitoring Plan*
  - *Submit PCO for work associated with Field Order No. 3 – **Completed***
  - *Resubmit PCO No. 1*
  - *Resubmit PCO No. 2 – **Completed***
  - *Submit Cassone Invoice- **Completed***
  - *Submit LKMA invoice and certified payroll*
  - *Update Health and Safety Plan to show M. Alliegro as Site Superintendent and Health and Safety Officer.*
  - *Submit Pre-Construction Photo Survey*
  - *Add flexible hoses to drain pipes at select patios in the South Lawn Area*
  - *Complete furnishing Engineer's Field Office Trailer – **Completed***

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 5  
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- *Pay Walter T. Gorman Invoice*
- *Submit South Lawn Area Survey Data – **Completed***
- *Submit backfill analytical data – **Completed***
- *Send sample paperwork from hazardous waste facilities – **Completed***
- **URS**
  - *Review and Respond to Weekly Vibration and Settlement Monitoring Reports.*
  - *Prepare North Lawn Area Figure showing analytical data. – **Completed***
  - *Issue Field Order No. 6*
  - *Issue Field Order No. 7*
  - *Respond to PCO No. 1 – **Completed***
  - *Respond to PCO No. 2*
  - *Submit revised Yard Drain Details to EnviroTrac*
- **NYSDEC**
  - *Discuss South Lawn Area Irrigation System with Rex White. – **Completed***
  - *Discuss the issuance of a tax form to EnviroTrac internally at the Department – **Completed***

Current Action Items

- **EnviroTrac**
  - *Provide comments on Minutes from Project Progress Meeting No. 4.*
  - *Submit Filling and Grading Work Plan.*
  - *Resubmit Bid Breakdown.*
  - *Submit monthly community air monitoring data.*
  - *Resubmit Vibration Monitoring Plan.*
  - *Submit certified payroll and invoices from LKMA*
  - *Modify Health and Safety Plan identifying M. Alliegro as Health and Safety Officer and Site Superintendent.*
  - *Submit RFI Re: Personnel Monitoring*
  - *Purchase tarps that Clean Earth drivers can use to cover their loads.*
  - *Complete tax exemption form.*
  - *Submit backfill sampling analytical data.*
  - *Confirm that topsoil source is still valid.*
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Respond to revised Community Air Monitoring Plan*
  - *Return Weekly Vibration and Settlement Monitoring Reports.*
  - *Issue Field Order No. 6*
  - *Issue Field Order No. 7*
  - *Continue discussion on PCO No. 1*
  - *Respond to PCO No. 2*
  - *Respond to PCO No. 3*
  - *Forward tax exemption information to EnviroTrac.*
  - *Review and respond to the North Lawn Area Topographic Survey.*
  - *Re-issue Yard Drain Detail.*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 5  
Page 8**

- *NYSDEC*
  - *Review Planter Box Soils Waste Profile.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 6 was scheduled for Wednesday, June 13, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 11:55 am.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 5 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, May 30, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

**5. Submittals**

- Submittal Log Attached**

- Filling and Grading Plan**

- Bid Breakdown**

- Community Air Monitoring Plan**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 5 Agenda  
Page 3**

- **Weekly Community Air Monitoring Reports**

- **Weekly Vibration and Settlement Monitoring Reports**

- **Vibration Monitoring Plan**

6. **RFIs/Field Orders**
  - **RFI and Field Order Logs Attached**
  - **No new RFIs**



- **Field Order No. 6 – Sampling Stained Soils Encountered During the North Lawn Area Excavation**

- **Field Order No. 7 –Abandoning SVE Points in Pavement**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**

- **PCO-2 – PCB Samples**

- **PCO-3 – PCB Sampling Grid**

- 10. Payment Applications**
  - **Payment Application No. 3**

- **Certified Payroll and Invoicing for LKMA**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Offsite Injuries**
- **Subsurface Cable Television Line**
- **Modifications to Health and Safety Plan**

- **Documentation Sampling**

**13. Open Discussion**

- **Vanguard**

- **Truck Covers**

- **Hazardous Transportation and Disposal**

- **Geoprobe ® Sampling**
- **Tax Exemption Form**
- **Planter Box Soils Approval**
- **Excavation Plan for Remaining South Lawn Area Soils**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 5 Agenda  
Page 9**

- **Excavation Plan for Planter Boxes**
- **Post Excavation Sampling**
- **South Lawn Area Irrigation System**
- **Backfill Analytical**



- **Yard Drain**

**14. Action Items**

**15. Next Scheduled Progress Meeting**

**16. Adjournment**



**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions			
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions			
			b		4/2/2018	W. Smith	4/9/2018	Approved			
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted			
		01040-2		Staging Areas and Contamination Reduction Zone							
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
			a		3/8/2018	R. West	3/12/2018	Approved			
			b		4/17/2018	K. Jackson					
			c		4/27/2018	K. Jackson					
			d		5/9/2018	K. Jackson					
		e	5/29/2018	K. Jackson							
		01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		Not Subject to Review
				01051-2		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
a	4/13/2018				K. Jackson		5/1/2018		Not Subject to Review		
b	4/26/2018			K. Jackson	5/1/2018		Not Subject to Review				
01051-3				South Lawn Area Excavation Check Through 05/15/18	5/22/2018						
01051-4				North Lawn Area Pre-Construction Topographic Survey	5/23/2018						
01051-5				Survey Instrument Certifications							
01051-6				Permanent Survey Control Monuments							
01051-7				Record Survey Drawings							
01051-8				Survey Field Notes and Records							
01051-9+		Survey Data and Maps for On-Site Work									
01051-10+		Sample Location Data									
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions			
			a		5/18/2018	K. Jackson	5/29/2018	Approved as Noted			
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions			
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			b		3/2/2018	K. Jackson	3/5/2018	Approved			
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions			
			b		3/8/2018	K. Jackson	3/12/2018	Approved			
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions			
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions			
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions			
			c		3/22/2018	G. Kisluk	3/22/2018	Approved			
		01400-2+		Analytical Results							
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions			
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions			
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved			
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan		
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions			
					5/14/2018	K. Jackson	5/15/2018	Approved as Noted			
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted			
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions			
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions			
			b		4/17/2018	K. Jackson	4/23/2018	Approved			
01700	Contract Closeout	01700-1		Project Record Documents							
		01700-2		Quality Control Summary							
		01700-3		Project Close-Out Submittals							
01720	Project Record Documents	01720-1+		As-built Marked Prints							
		01720-2		Final As-built Marked Prints							
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-4		Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	5/29/2018	Approved	
		01730-7		Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-8		Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-9		Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-10		Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	5/29/2018	Resubmit with Revisions	
		01730-11		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2+		Waste Manifests (completed)					
		02230-3		Waste Profiles					
02230-4		Weigh Tickets							
02300	Backfilling, Grading, and Compaction	02300-1		Soil Test Results					
		02300-2		Filling and Grading Work Plan					
		02300-3		Final Grading Plan					
		02300-4		Sample Location Sketch					
		02300-5		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	5/29/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - to 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - to 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - to 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
02508-5		Weekly Air Monitoring Report - 5/21/18 - to 5/25/18	5/29/2018	K. Jackson					
02508-6		Raw Monitoring Data							
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			c		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
					2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
				Performance Bonds	4/19/2018	K. Jackson			
			a		2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
				Certificates of Insurance	3/19/2018	K. Jackson	4/2/2018	Approved	
				Revised Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
					2/28/2018	B.Orwat	3/1/2018	Approved	

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: May 29, 2018 (6:00PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: May 29, 2018 (6:00PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: May 29, 2018 (5:59PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: May 29, 2018 (1:58 PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	



FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			34	1752130	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

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**DESIGNATED FACILITY**

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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			58	1752106	

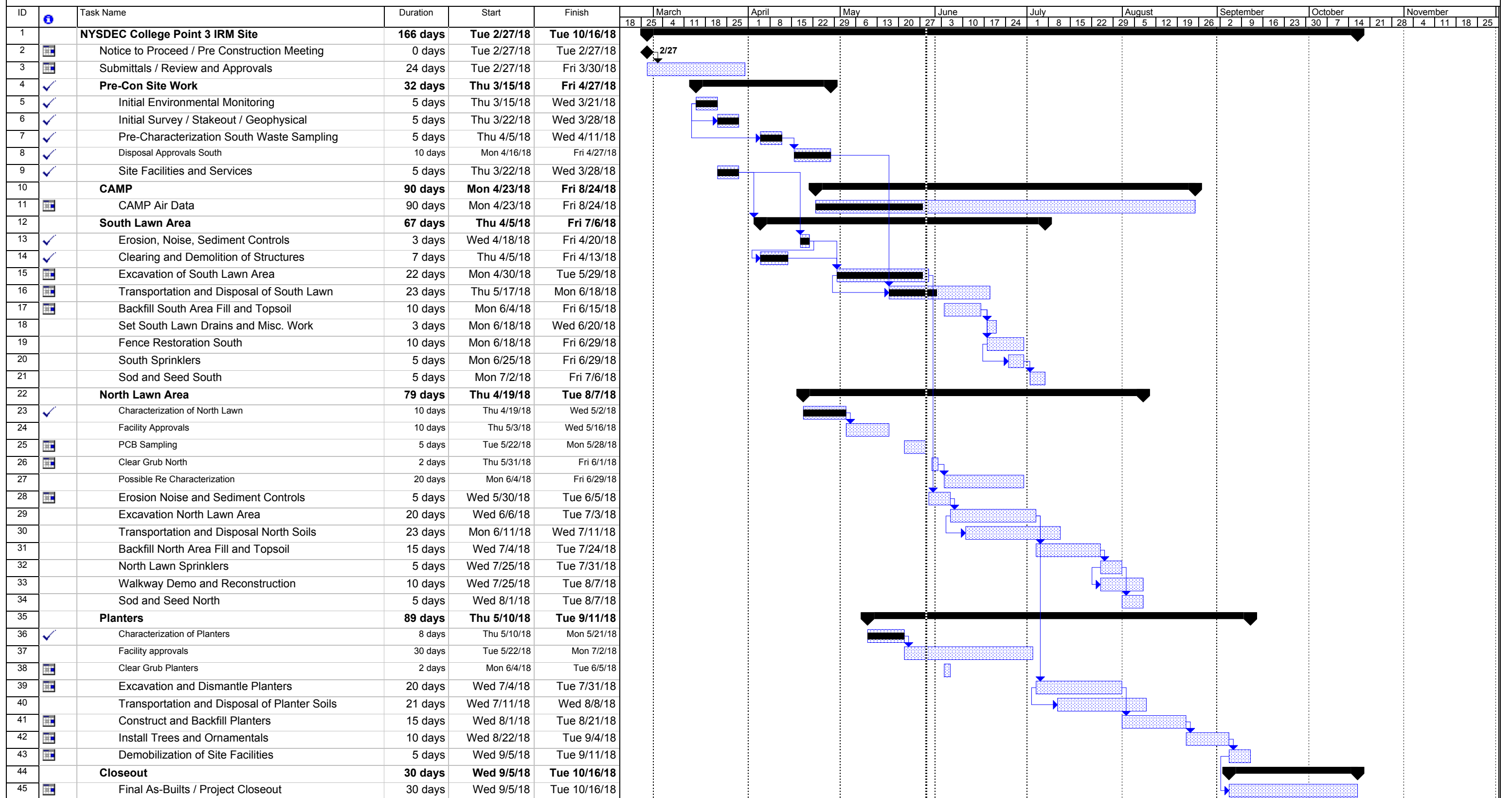
**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

# NYSDEC COLLEGE POINT 3 IRM SITE COLLEGE POINT, NY



Project: COLLEGE POINT IRM 3      Date: Tue 5/29/18

Task: [Dotted Blue Box] Progress      [Solid Black Box] Summary      [Dotted Blue Box] Milestone  
 Split: [Dotted Blue Box] Milestone      [Solid Black Box] Milestone      [Dotted Blue Box] Milestone

[Solid Black Box] Milestone      [Dotted Blue Box] Milestone      [Dotted Blue Box] Milestone      [Dotted Blue Box] Milestone  
 [Solid Black Box] Milestone      [Dotted Blue Box] Milestone      [Dotted Blue Box] Milestone      [Dotted Blue Box] Milestone



PROJECT PROGRESS MEETING No. 6 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, June 13, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 4 on 05/29/18. M. Rose has reviewed the minutes and has no comments. The minutes from Progress Meeting No. 4 are now deemed final. URS distributed the minutes from Progress Meeting No. 5 on 06/12/18. Michael Rose was not present at the Progress Meeting No. 5 because he was on vacation. Michael Alliegro and Michael Rose have not yet reviewed the minutes. Michael Alliegro will review the minutes and provide any comments.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac conducted excavation, transportation, and disposal in the South Lawn Area, completed a topographic survey of the South Lawn Area, removed the decontamination pad on Riviera Court, conducted clearing and grubbing of planters, began planter excavation, placed demarcation barrier in the South Lawn Area, and collected South Lawn Area Documentation Samples #4-#10.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on continuing the placement of demarcation barrier in the South Lawn Area, collecting the remaining South Lawn Area Documentation Samples, backfilling the South Lawn Area, continuing planter excavation, and backfilling planters. EnviroTrac had originally planned on rebuilding planter boxes this week, but this activity is not likely to happen.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 06/08/18, served as the guide for this discussion. It is included as Attachment C.*

*C. Dusel instructed EnviroTrac to resubmit the schedule showing the utilization of the entire Contract Time. A shorter schedule puts EnviroTrac in a tough spot. Reimbursement for costs for standby time of equipment that EnviroTrac has submitted in PCO No. 1 is typically only considered if the subcontractor has also requested an extension of the Contract Time. C. Dusel also requested that EnviroTrac show the Substantial Completion Date on the schedule. M. Rose reminded meeting parties that EnviroTrac's original schedule, submitted on 02/16/18, did show full utilization of the Contract Time. EnviroTrac shortened that schedule in their 03/08/18 submission per URS' comment to show some tasks being performed concurrently. M. Rose also stated that EnviroTrac is considering a request for an extension to the Contract Time. EnviroTrac will have to demonstrate how extra work, such as the survey work in the South Lawn Area, has altered the critical path of Project Progress Schedule to the extent that an extension of the Contract Time is warranted. URS will formally respond to the Project Progress Schedule.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*EnviroTrac submitted a Revised Bid Breakdown on 06/07/18. The amount for Site Security in Bid Item 2 – Site Services has been increased from \$23,000 to \$36,000. EnviroTrac decreased the amount for Site Superintendent, also in Bid Item 2, from \$60,000 to \$47,000 to make the Site Security adjustment. EnviroTrac has not modified daily rate for Bid Item 6 – Survey. M. Rose stated that it is difficult to extract a daily rate from the Lump Sum Survey Bud Price due to the office time involved with the work. URS will return the submittal “Approved As Noted” stating that survey costs will be reviewed on a case-by-case basis.*

*On 06/07/18, EnviroTrac resubmitted settlement monitoring reports from 03/29/18 to 04/12/18 and submitted new settlement monitoring reports from 05/02/18 to 06/06/18. URS will review and respond to the reports. K. Jackson stated that movement has been detected at all five buildings bordering the South Lawn Area, though well below the warning and stop work action limits. The measured movement has been on the order of 0.003 inches. K. Jackson also stated that “N/A” (Not Applicable) was inserted in some of the measurement spaces in the reports. EnviroTrac will ask Vanguard what the significance of N/A is.*

*K. Jackson also stated that EnviroTrac has only submitted vibration reports through 04/20/18 and Vanguard has a significant number of vibration reports outstanding. K. Jackson also stated that EnviroTrac has not yet submitted crack monitoring data from Vanguard. M. Rose acknowledged that both items were outstanding.*

*K. Jackson stated that Vanguard still has to resubmit the Vibration Monitoring Plan. URS returned the submittal to EnviroTrac “Resubmit with Revisions” on 05/01/18 with minor revisions.*

*EnviroTrac submitted transportation and disposal weight tickets from May 2018 on 06/12/18. K. Jackson will review the weight tickets.*

7. **RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*EnviroTrac submitted RFI No. 6 to URS on 06/04/18 with a request for confirmation that the points in the North Lawn Topographic Survey in Submittal 01054-4 would be used to generate a revised Subgrade Grading Plan. A request for a Field Order to complete the additional surveying included in the response to Submittal 01054-4 was also included. R. West stated that the points in the North Lawn Topographic Survey will be used to generate revised Grading Plans. He anticipated that the modifications to the grades presented in the Contract Documents will not be as extensive for the North Lawn Area as they were for the South Lawn Area. The North Lawn Area could have been staked out at the time that it was initially surveyed and adjustments could have been made to the stakes at a later date. URS will respond to RFI No. 6 and issue Field Order No. 10 for the additional North Lawn surveying.*

*K. Jackson has drafted Field Order No. 6 for sampling stained soil encountered during the entire North Lawn Area excavation. URS and NYSDEC will review the Field Order after the meeting.*

*K. Jackson has also drafted Field Order No. 7 for abandoning SV points in the pavement at the site. URS and NYSDEC will review the Field Order after the meeting. M. Alliegro stated that a well was uncovered in a Capstan Court Planter Box that was not identified in the Contract Documents. Meeting parties will investigate after the meeting.*

*URS issued Field Order No. 8 to EnviroTrac on 05/31/18 with direction to analyze additional samples from the Geoprobe ® program. The analytical results from those samples were submitted by EnviroTrac on 06/05/18.*

*URS has prepared a draft Field Order No. 9, direction for excavation around North Lawn Area Sample Location N3-5A. URS reviewed with Field Order and associated Figures with EnviroTrac during the meeting. R. West estimated that 50 – 100 cubic yards of soil would be excavated from the area. A general discussion commenced about the excavation. URS will look for EnviroTrac's input on waste removal methods and work sequencing. EnviroTrac recommended using a rolloff to containerize the excavated material. M. Haggerty requested that backfill be onsite when the excavation is performed.*

*URS asked EnviroTrac if they have explored backup disposal facilities in case Clean Earth doesn't accept the material. M. Rose responded that he has reached out to disposal facilities in Carteret, New Jersey (Clean Earth) and Hazelton Creek, Pennsylvania. He has also reached out to the Coplay Quarry Remediation Site, listed in the Transportation and Disposal Plan as the backup facility.*

*URS will also prepare a letter for the North Lawn Soils that EnviroTrac can submit to Clean Earth, similar to the letter prepared for the Planter Box Soils.*

- 8. Field Clarification Memos**  
FCM Log Attached (Attachment A)  
None
- 9. Disputes/Claims**  
None
- 10. Proposed Change Orders**  
PCO Log Attached (Attachment A)

*URS responded to EnviroTrac's PCO No. 1, for additional costs associated with the subgrade alterations, "Resubmit with Revisions" on 05/17/18. EnviroTrac responded to URS response on 05/23/18. An extensive discussion commenced regarding this PCO. K. Jackson requested the invoices with necessary back up from LKMA, EnviroTrac's surveyor, for the surveying costs presented. M. Rose will also revise the Project Progress Schedule.*

*URS responded to EnviroTrac's PCO No. 2, for additional costs associated with direction provided in Field Order Nos. 1 and 2 for additional North Lawn Area PCB samples, "Resubmit with Revisions" on 06/07/18. EnviroTrac resubmitted PCO No. 2 on 06/07/18. Michael Alliegro has been appropriately classified as a "Foreman" in the PCO and his hourly rate (including markups) at \$95.00/hr. appears reasonable. URS will approve PCO No. 2.*

*URS responded to EnviroTrac's PCO No. 3, for additional costs associated with direction provided in Field Order Nos. 3 for North Lawn Area Geoprobe ® Sampling, "Resubmit with Revisions" on 05/17/18. EnviroTrac resubmitted PCO No. 3 on 05/18/18. The revision included an adjustment to markup percentages. URS will review and respond to PCO No. 3. K. Jackson stated that EnviroTrac will need to revise PCO No. 3 again to include a PID, an empty drum, and an additional day of the Geoprobe ®. The Project Manager listed in the PCO will also have to be reclassified as a "Forman" with an hourly rate (including markup) of \$95.00/hour. URS will respond to the PCO.*

*K. Jackson has reviewed PCO No. 4, for additional costs associated with the Yard Drain modifications. There appears to be a mistake in the hourly rate presented for the Laborer, \$131.41/hour (including markup). M. Rose stated that the labor rate should have been \$95.00/hour, equal to the prevailing wage for the laborer \$82.13/hour plus the 15% markup for labor allowed by the Contract Documents. URS will provide comments on PCO No. 4. Villas at Riverview Property Manager Michael Jennings previously requested any means to improve drainage on the western end of the South Lawn Area. A French yard drain has been previously discussed onsite. URS and the Department will discuss the matter further.*

**11. Payment Applications**

*EnviroTrac submitted CAP No. 3 to URS on 06/01/18 for \$226,414.96. The CAP includes additional percentages of lump sum Bid Items 1 through 8 and 2,194 tons of transportation and disposal from unit price Bid Item 13a. EnviroTrac submitted the weight tickets on 06/12/18 for the transportation and disposal. URS will review the weight tickets and process CAP No. 3. K. Jackson stated the EnviroTrac still needs to submit certified payroll and invoices from LKMA. C. Dusel also checked EnviroTrac's redlines prior to the meeting. He stated that they appear up-to-date.*

**12. WBE/MBE Utilization**

*M. Rose stated that EnviroTrac still may use a sub-subcontracted WBE/MBE excavation company to help them with the North Lawn Area excavation, possibly for excavating the area around Sample Location N3-5A.*

**13. Health and Safety**

*M. Haggerty previously notified URS that if EnviroTrac's Health and Safety Department submitted a letter stating that analysis for metals and pesticides was not warranted during personnel monitoring, then URS and the Department would not require it. EnviroTrac submitted that letter on 06/08/18. The issue is now closed.*

*K. Jackson stated that per the Contract Documents, EnviroTrac must submit raw air monitoring data on a monthly basis on a CD. EnviroTrac will submit the data.*

*K. Jackson stated that EnviroTrac must still modify their HASP to list Michael Alliegro as the Site Superintendent and Health and Safety Officer.*

*EnviroTrac has provided tarps onsite for use by truckers transporting soil offsite for disposal.*

**14. Open Discussion**

- EnviroTrac submitted the letter prepared by URS for the planter box soils to Clean Earth on 06/07/18. M. Rose stated that the PADEP has a 10-day review period on the those items. EnviroTrac is awaiting a response from the PADEP.*
- M. Rose has received three quotations for the transportation and disposal of the TSCA waste in the North Lawn Area. URS and the Department requested that EnviroTrac submit those quotations.*
- M. Alliegro has had preliminary talks with Condo 3 Property Manager Rex White about using Condo 3 water for South Lawn Area irrigation. M. Alliegro stated that R. White was not opposed to it. Today, EnviroTrac proposed installing an irrigation system for R. White's portion of the South Lawn Area so that they can water the sod. The system would branch off of the system installed for the Villas' portion of the South Lawn Area and use the Villas' water. URS and the*

**College Point 3 Interim Remedial Measure  
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Page 6**

*Department will discuss this matter further.*

- *K. Jackson forwarded the Department's findings on the Tax Exemption Letter to EnviroTrac on 06/12/18. EnviroTrac submitted a Contractor Exempt Purchase Certificate and signed Certificate of Capital Improvement today for URS signature. URS will review the documents.*
- *On 06/11/18, K. Jackson notified EnviroTrac via e-mail that the volumes of the planter box excavations will have to be determined via survey per the Contract Documents. The volumes will be too difficult to calculate manually.*
- *A general discussion commenced regarding the excavation of the planter boxes that are situated on top of islands. Per R. West, these planter boxes are to be completely excavated and the excavation beneath the planter boxes should extend to 25 inches below the top of the adjacent pavement or concrete.*
- *M. Alliegro stated that four planter boxes have been excavated on Cove Court that are not identified in the Contract Documents. URS will issue a Field Order to EnviroTrac for the excavation of these planter boxes.*
- *M. Alliegro stated that 12 total trucks will deliver backfill to the site today. He stated that there is a dedicated loader at the backfill source to constantly load trucks. M. Alliegro also stated that four documentation samples were collected today.*
- *EnviroTrac sampled their topsoil source on 06/12/18. K. Jackson witnessed the sample collection. The source is in Baiting Hollow, New York, approximately 1.5 hours from the site.*
- *LKMA completed the post-excavation survey in the South Lawn Area on 06/11/18.*
- *A resident on Riviera Court requested a Japanese Maple Tree that is specified to be removed from Cove Court Planter Box COV 3. After discussing the matter with the Department, K. Jackson denied the request in-person to the resident. Villas at Riverview Court Property Manager Michael Jennings also requested a Palmetto Tree specified to be removed from a Riviera Court planter box. He has already clipped a branch from the tree and would like to be notified in advance prior to its removal.*
- *M. Rose stated that EnviroTrac's Yard Drain vendor has asked what the depth of the specified Yard Drain is. R. West responded that a 15 to 18-inch Yard Drain can accept a 12-inch pipe. He stated that a sump that extends one foot below the invert of the pipe will be sufficient. M. Rose requested a drawing with the Yard Drain Detail. He stated that the Yard Drain will be custom made and has a 3 to 5-day lead time. URS will provide a drawing for the Yard Drain Detail.*
- *EnviroTrac has located a fence sub-subcontractor that will pay the Prevailing Wage. They will have to update their List of Sub-Subcontractors*

- *EnviroTrac asked if the noise barriers could be removed from the South Lawn Area after backfilling or placement of topsoil. URS and the Department responded that the noise barriers should stay in place through topsoil placement. The orange snow fence should also still be kept in place in the South Lawn Area.*
- *EnviroTrac also asked if the orange snow fence surrounding the planter box soil stockpile and wood chips in the North Lawn Area could be removed. URS and the Department did not object to removing this snow fence, but did request that snow fence be installed across the entrance to the stairwell on the western side of the area.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Provide comments on Minutes from Project Progress Meeting No. 4. – **Completed***
  - *Submit Filling and Grading Work Plan. – **Completed***
  - *Resubmit Bid Breakdown. – **Completed***
  - *Submit monthly community air monitoring data.*
  - *Resubmit Vibration Monitoring Plan.*
  - *Submit certified payroll and invoices from LKMA*
  - *Modify Health and Safety Plan identifying M. Alliegro as Health and Safety Officer and Site Superintendent.*
  - *Submit RFI Re: Personnel Monitoring – **Completed***
  - *Purchase tarps that Clean Earth drivers can use to cover their loads. – **Completed***
  - *Complete tax exemption form. – **Completed***
  - *Submit backfill sampling analytical data. – **Completed***
  - *Confirm that topsoil source is still valid. – **Completed***
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Respond to revised Community Air Monitoring Plan– **Completed***
  - *Return Weekly Vibration and Settlement Monitoring Reports. – **Completed***
  - *Issue Field Order No. 6*
  - *Issue Field Order No. 7*
  - *Continue discussion on PCO No. 1*
  - *Respond to PCO No. 2*
  - *Respond to PCO No. 3*
  - *Forward tax exemption information to EnviroTrac. – **Completed***
  - *Review and respond to the North Lawn Area Topographic Survey. – **Completed***
  - *Re-issue Yard Drain Detail. – **Completed***
- *NYSDEC*
  - *Review Planter Box Soils Waste Profile. – **Completed***

Current Action Items

- *EnviroTrac*
  - *Provide comments on Minutes from Project Progress Meeting No. 5.*
  - *Resubmit Project Progress Schedule utilizing full extent of the Contract Time.*
  - *Submit outstanding vibration reports and crack monitoring data.*
  - *Check with Vanguard on the meaning of “N/A” in the settlement reports.*
  - *Resubmit Vibration Monitoring Plan.*
  - *Provide invoices from LKMA for work included in PCO No. 1.*
  - *Provide certified payroll and invoices from LKMA*
  - *Submit quotations for transportation and disposal of TSCA waste.*
  - *Install snow fence across the stairwell entrance on the western side of the North Lawn Area.*
  - *Update list of Sub-Subcontractors*
  
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Respond to Bid Breakdown Submittal.*
  - *Review and respond to settlement monitoring reports.*
  - *Review weight tickets for May 2018 transportation and disposal.*
  - *Respond to RFI No. 6.*
  - *Issue Field Order No. 10*
  - *Issue Field Order No. 7*
  - *Issue Field Order No. 9*
  - *Prepare letter for North Lawn Area soils.*
  - *Approve PCO No. 2*
  - *Respond to PCO No. 3*
  - *Respond to PCO No. 4*
  - *Process CAP No. 3*
  - *Review Tax Exemption Form.*
  - *Discuss EnviroTrac’s proposed method of irrigating the Condo 3 portion of the South Lawn Area.*
  - *Issue Field Order to EnviroTrac for excavation of unidentified planter boxes.*
  - *Provide drawing for Yard Drain Detail.*
  - *Discuss drainage improvement request made by Villas Property Manager Michael Jennings.*
  
- *NYSDEC*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 6 was scheduled for Wednesday, June 27, 2018 at 10:00 AM.*



**College Point 3 Interim Remedial Measure  
Project Progress Meeting 6  
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**17. Adjournment**

- *The meeting was adjourned at 12:36 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 6 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, June 13, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

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Progress Meeting No. 6 Agenda  
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**5. Submittals**

- **Submittal Log Attached**

- **Bid Breakdown**

- **Weekly Vibration Settlement Monitoring Reports**

- **Vibration Monitoring Plan**

- **Weight Tickets**

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Progress Meeting No. 6 Agenda  
Page 3**

**6. RFIs/Field Orders**

- **RFI and Field Order Logs Attached**
- **RFI No. 6 – North Lawn Area Survey**
- **Field Order No. 6 – Sampling Stained Soils Encountered During the North Lawn Area Excavation**
- **Field Order No. 7 – Abandoning SVE Points in Pavement**
- **Field Order No. 8 – Additional Geoprobe® Sample Analysis**

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- **Field Order No. 9 – Direction for Excavation Around North Lawn Area  
Sample Location N3-5A**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**

- **PCO-2 – PCB Samples**

- **PCO-3 – PCB Sampling Grid**

- **PCO-4 – Yard Drain Modifications**

**10. Payment Applications**

- **Payment Application No. 3**

- **Certified Payroll and Invoicing for LKMA**

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Page 6**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Personnel Monitoring**

**13. Open Discussion**

- **Planter Box Soils Approval**
  
- **Hazardous Transportation and Disposal**



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Progress Meeting No. 6 Agenda  
Page 7**

- **South Lawn Area Irrigation**

- **Tax Exemption Form**

- **Planter Box Soils Approval**

- **Planter Box Survey**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 6 Agenda  
Page 8**

- **Planter Box Excavation**

- **Post Excavation Sampling**

- **Backfilling**

- **Topsoil Source**

- **South Lawn Area Survey**

- **Plant Requests**

- **Yard Drain**

**14. Action Items**

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved		
			b		4/17/2018	K. Jackson				
			c		4/27/2018	K. Jackson				
			d		5/9/2018	K. Jackson				
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions		
		f	6/8/2018	K. Jackson						
		01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>	
		01051-2	a	Pre-Construction Topographic Survey		4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
					b	4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
				01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018			
01051-4		North Lawn Area Pre-Construction Topographic Survey		5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions			
01051-5		South Lawn Area Post-Excavation Survey (Partial)		6/6/2018	K. Jackson	6/8/2018	Approved			
01051-6		Survey Instrument Certifications								
01051-7		Permanent Survey Control Monuments								
01051-8		Record Survey Drawings								
01051-9		Survey Field Notes and Records								
01051-10+		Survey Data and Maps for On-Site Work								
01051-11+		Sample Location Data								
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			b		3/2/2018	K. Jackson	3/5/2018	Approved		
		01300-2		RFI Template		2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions		
			b		3/8/2018	K. Jackson	3/12/2018	Approved		
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions		
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions		
			c		3/22/2018	G. Kisluk	3/22/2018	Approved		
		01400-2+		Analytical Results						
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions		
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved		
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					<i>See T&amp;D Plan and Traffic Control Plan</i>	
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions		
					5/14/2018	K. Jackson	5/15/2018	Approved as Noted		
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted		
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions		
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions		
			b		4/17/2018	K. Jackson	4/23/2018	Approved		
01700	Contract Closeout	01700-1		Project Record Documents						
		01700-2		Quality Control Summary						
		01700-3		Project Close-Out Submittals						
01720	Project Record Documents	01720-1+		As-built Marked Prints						

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01720	Project Record Documents	01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson			
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson			
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson			
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson			
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson			
01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson					
01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson					
01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson					
01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson					
01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson					
01730-21		Optical Settlement Monitoring Report #15 - 5/6/18	6/7/2018	K. Jackson					
01730-11		Final Results Report		K. Jackson					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
					3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
					4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
					4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
					4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved			
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1a		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
					3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson					
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Final Grading Plan					
		02300-5		Sample Location Sketch					
		02300-6		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - to 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - to 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - to 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - to 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
			a		6/5/2018	K. Jackson	6/8/2018	Approved	
02508-6		Weekly Air Monitoring Report - 5/29/18 - to 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved			
02508-7		Weekly Air Monitoring Report - 6/4/18 - to 6/8/18	6/12/2018	K. Jackson					
02508-8		Raw Monitoring Data							
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
02734-2		Well Abandonment Records							
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results					
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			c		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
			d		4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson		Resubmit with Revisions	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: June 12, 2018 (7:00PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: June 12, 2018 (7:00PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

*Updated: June 12, 2018 (7:00PM)*

<b>RFI No.</b>	<b>Date Received</b>	<b>Brief Description of RFI</b>	<b>Date Responded</b>	<b>Response</b>	<b>Additional Actions</b>
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.			

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: June 12, 2018 (6:59PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6					
7					
8	05/31/18	<p>EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe ® Sampling analyzed for PCBs by</p>	06/05/18	Analytical results from additional samples submitted.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)			
9					

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: June 12, 2018 (1:58 PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	





MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	N	N					
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N			30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N			33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			34	1752130	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

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LIO - Liotta Brothers Recycling Corp  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N			35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N			76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N			78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N			80	1752084	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

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**DESIGNATED FACILITY**

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N			83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N			84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N			85	1752078	

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

College Point 3 IRM  
 Contract No. D007622-42  
 Site No. 241122

Two Week Looks  
 5/28 thru 6/22

Look Back

Date	28-May	29-May	30-May	31-May	1-Jun	2-Jun	4-Jun	5-Jun	6-Jun	7-Jun	8-Jun
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
South Area Excavation		X	X	X			X	X	X		
Progress Meeting 5			X								
South Area T&D		X	X	X			X	X	X		
Survey South							X				
South Area Decon pad removal					X				X		
Clear Grub Planters					X						
Planter Area Excavation										X	X

Look Ahead

Date	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	18-Jun	19-Jun	20-Jun	21-Jun	22-Jun
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 6			X								
Place Demarcation Barrier	X	X	X	X			X	X	X		
Final Survey South	X						X				
Collect South Samples	X			X							
Backfill South Area		X	X	X	X		X	X			
Excavate Planter			X	X	X		X	X	X	X	X
Rebuild Planter Boxes			X	X	X						
Backfill Planter									X	X	X

**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**

ID	Task Name	Duration	Start	Finish	March					April					May					June					July					August					September					October					November						
					18	25	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25						
1	<b>NYSDEC College Point 3 IRM Site</b>	<b>179 days</b>	<b>Tue 2/27/18</b>	<b>Fri 11/2/18</b>	[Summary bar]																																														
2	Notice to Proceed / Pre Construction Meeting	0 days	Tue 2/27/18	Tue 2/27/18	[Milestone]																																														
3	Submittals / Review and Approvals	24 days	Tue 2/27/18	Fri 3/30/18	[Task bar]																																														
4	<b>Pre-Con Site Work</b>	<b>32 days</b>	<b>Thu 3/15/18</b>	<b>Fri 4/27/18</b>	[Summary bar]																																														
5	Initial Environmental Monitoring	5 days	Thu 3/15/18	Wed 3/21/18	[Task bar]																																														
6	Initial Survey / Stakeout / Geophysical	5 days	Thu 3/22/18	Wed 3/28/18	[Task bar]																																														
7	Pre-Characterization South Waste Sampling	5 days	Thu 4/5/18	Wed 4/11/18	[Task bar]																																														
8	Disposal Approvals South	10 days	Mon 4/16/18	Fri 4/27/18	[Task bar]																																														
9	Site Facilities and Services	5 days	Thu 3/22/18	Wed 3/28/18	[Task bar]																																														
10	<b>CAMP</b>	<b>90 days</b>	<b>Mon 4/23/18</b>	<b>Fri 8/24/18</b>	[Summary bar]																																														
11	CAMP Air Data	90 days	Mon 4/23/18	Fri 8/24/18	[Task bar]																																														
12	<b>South Lawn Area</b>	<b>81 days</b>	<b>Thu 4/5/18</b>	<b>Thu 7/26/18</b>	[Summary bar]																																														
13	Erosion, Noise, Sediment Controls	3 days	Wed 4/18/18	Fri 4/20/18	[Task bar]																																														
14	Clearing and Demolition of Structures	7 days	Thu 4/5/18	Fri 4/13/18	[Task bar]																																														
15	Excavation of South Lawn Area	28 days	Mon 4/30/18	Wed 6/6/18	[Task bar]																																														
16	Transportation and Disposal of South Lawn	15 days	Thu 5/17/18	Wed 6/6/18	[Task bar]																																														
17	Backfill South Area Fill and Topsoil	7 days	Tue 6/12/18	Wed 6/20/18	[Task bar]																																														
18	Topsoil South Area	3 days	Thu 6/21/18	Mon 6/25/18	[Task bar]																																														
19	Set South Lawn Drains and Misc. Work	3 days	Tue 6/26/18	Thu 6/28/18	[Task bar]																																														
20	Fence Restoration South	10 days	Fri 7/13/18	Thu 7/26/18	[Task bar]																																														
21	South Sprinklers	5 days	Fri 6/29/18	Thu 7/5/18	[Task bar]																																														
22	Sod and Seed South	5 days	Fri 7/6/18	Thu 7/12/18	[Task bar]																																														
23	<b>North Lawn Area</b>	<b>112 days</b>	<b>Thu 4/19/18</b>	<b>Fri 9/21/18</b>	[Summary bar]																																														
24	Characterization of North Lawn	10 days	Thu 4/19/18	Wed 5/2/18	[Task bar]																																														
25	Facility Approvals	10 days	Thu 5/3/18	Wed 5/16/18	[Task bar]																																														
26	PCB Sampling	5 days	Tue 5/22/18	Mon 5/28/18	[Task bar]																																														
27	Clear Grub North	2 days	Thu 5/31/18	Fri 6/1/18	[Task bar]																																														
28	Possible Re Characterization	20 days	Mon 6/4/18	Fri 6/29/18	[Task bar]																																														
29	ErosionControls	5 days	Thu 7/12/18	Wed 7/18/18	[Task bar]																																														
30	Noise Controls	2 days	Thu 7/19/18	Fri 7/20/18	[Task bar]																																														
31	Excavation North Lawn Area	20 days	Mon 7/23/18	Fri 8/17/18	[Task bar]																																														
32	Transportation and Disposal North Soils	23 days	Thu 7/26/18	Mon 8/27/18	[Task bar]																																														
33	Backfill North Area Fill and Topsoil	15 days	Mon 8/20/18	Fri 9/7/18	[Task bar]																																														
34	North Lawn Sprinklers	5 days	Mon 9/10/18	Fri 9/14/18	[Task bar]																																														
35	Walkway Demo and Reconstruction	10 days	Mon 9/10/18	Fri 9/21/18	[Task bar]																																														
36	Sod and Seed North	5 days	Mon 9/17/18	Fri 9/21/18	[Task bar]																																														
37	<b>Planters</b>	<b>102 days</b>	<b>Thu 5/10/18</b>	<b>Fri 9/28/18</b>	[Summary bar]																																														
38	Characterization of Planters	8 days	Thu 5/10/18	Mon 5/21/18	[Task bar]																																														
39	Facility approvals	30 days	Tue 5/22/18	Mon 7/2/18	[Task bar]																																														
40	Clear Grub Planters	2 days	Mon 6/4/18	Tue 6/5/18	[Task bar]																																														
41	Excavation and Dismantle Planters	20 days	Thu 6/7/18	Wed 7/4/18	[Task bar]																																														
42	Transportation and Disposal of Planter Soils	21 days	Thu 6/21/18	Thu 7/19/18	[Task bar]																																														
43	Construct and Backfill Planters	15 days	Thu 6/21/18	Wed 7/11/18	[Task bar]																																														
44	Install Trees and Ornamentals	10 days	Mon 9/10/18	Fri 9/21/18	[Task bar]																																														
45	Demobilization of Site Facilities	5 days	Mon 9/24/18	Fri 9/28/18	[Task bar]																																														
46	<b>Closeout</b>	<b>30 days</b>	<b>Mon 9/24/18</b>	<b>Fri 11/2/18</b>	[Summary bar]																																														
47	Final As-Built / Project Closeout	30 days	Mon 9/24/18	Fri 11/2/18	[Task bar]																																														

Project: COLLEGE POINT IRM 3  
Date: Fri 6/8/18

Task		Progress		Summary		Rolled Up Split		Rolled Up Progress		Project Summary		Deadline	
Split		Milestone		Rolled Up Task		Rolled Up Milestone		External Tasks		External Milestone			



PROJECT PROGRESS MEETING No. 7 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, June 27, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Dan McNally NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 5 on 06/12/18. Michael Rose was not present at the Progress Meeting No. 5 because he was on vacation. Michael Alliegro has reviewed the minutes and has no comments. The minutes from Progress Meeting No. 5 are now deemed final. URS distributed the minutes from Progress Meeting No. 6 on 06/26/18. Michael Rose has not yet reviewed the minutes. The minutes from Progress Meeting No. 6 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac backfilled the South Lawn Area, excavated planter boxes on Cove Court and Capstan Court, completed the post excavation topographic survey of the South Lawn Area, and collected South Lawn Area Documentation Samples #1-#3.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on completing a topographic survey of the backfill placed in the South Lawn Area, completing a post-excavation topographic survey of the planter boxes, completing the additional North Lawn Area survey items requested in Field Order No. 10, setting the eastern yard drain in the South Lawn Area, excavating the Riviera Court planter boxes, completing backfill of the South Lawn Area, rebuilding planter boxes, and backfilling the planters.*

*C. Dusel asked if EnviroTrac would be rebuilding the planter boxes themselves or is sub-subcontracting the work. EnviroTrac responded that they would be rebuilding the planter boxes themselves.*

*M. Rose stated that Riviera Court planter box grubbing will be completed on Monday 07/02/18 and Tuesday 07/03/18. The Guzzler® vacuum excavator will be mobilized to the site on Thursday 07/05/18.*

## **5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 06/22/18, served as the guide for this discussion. It is included as Attachment C.*

*Per URS direction in their 06/19/18 response to Submittal 01040-3f, EnviroTrac resubmitted the schedule showing the utilization of the entire Contract Time. The Substantial Completion Date shown on the schedule is 11/05/18. EnviroTrac did not specify a time extension in PCO No. 5, their formal request for a Contract Time extension, submitted on 06/26/18. The 11/05/18 Substantial Completion Date shown on the schedule is EnviroTrac's estimate of what the time extension will be. C. Dusel stated that per the Contract Documents, extensions to the Contract Time can only be granted through approved PCOs. M. Rose acknowledged this.*

*K. Jackson stated that EnviroTrac shows a 7-day delay due to revisions to the Yard Drain on the Project Schedule, but does not show the delay on the critical path. M. Rose acknowledged that the delay shown for the Yard Drain is not currently on the critical path.*

*URS will formally respond to the Project Progress Schedule.*

## **6. Submittals**

*Submittal Log Attached (Attachment A)*

*EnviroTrac submitted weigh bills for the backfill material on daily basis as the material was delivered to the site. K. Jackson stated that one weigh bill from 06/19/18 is missing. The weigh bills for the backfill material are a formal submittal. C. Dusel stated that per the Measurement for Payment Section of the Contract Documents for Bid Item No. 17 – Clean Fill, final payment for backfill is based on survey data. M. Rose acknowledged this.*

*EnviroTrac has submitted Weekly Vibration and Settlement Monitoring Reports through the week ending 06/08/18. URS will approve the Reports.*

*On 06/25/18, EnviroTrac submitted Weekly Crack Monitoring Reports through the week ending 06/01/18. URS will review and comment on the reports.*

*URS returned the Vibration Monitoring Plan "Resubmit with Revisions" on 05/01/18 with minor revisions. EnviroTrac will check with Vanguard on the status of the Plan.*

*EnviroTrac submitted completed waste manifests and transportation and disposal weight tickets from May 2018 with CAP No. 3 on 06/12/18. The manifests and weight tickets are a formal submittal and will be approved.*

*EnviroTrac submitted the Pre-Construction Survey Report from Vanguard on 06/25/18. The report contains approximately 4,000 photos. URS will review and respond to the submittal.*

*Per the Contract Documents, EnviroTrac is required to submit a sketch showing the location of each sample from the borrow source. EnviroTrac is also required to collect one sample per 1,000 cubic yards of backfill material. Approximately 1,250 cubic yards of backfill material have been delivered to the site to date. EnviroTrac collected all of the backfill samples required for the project during the trip that they took to the borrow source with K. Jackson on 05/22/18. The chemical and sieve analysis from those samples was approved on 06/07/18.*

*Contract Specification Section 02300, Paragraph 1.02 D. states that the subcontractor is required to submit a Final Grading Plan showing final proposed contours for restoration. K. Jackson asked R. West if this requirement would be waived for EnviroTrac because URS is preparing the Final Grading Plans for the project. R. West confirmed that EnviroTrac is not required to prepare a Final Grading Plan.*

**7. RFIs/Field Orders**

**RFI and Field Order Logs Attached (Attachment A)**

*EnviroTrac submitted RFI No. 6 to URS on 06/04/18 with a request for confirmation that the points in the North Lawn Topographic Survey in Submittal 01054-4 would be used to generate a revised Subgrade Grading Plan. A request for a Field Order to complete the additional surveying included in the response to Submittal 01054-4 was also included. URS responded to RFI No. 6 on 06/19/18 stating that the points in the North Lawn Topographic Survey would be used to generate revised Subgrade and Final Grading Plans and included Field Order No. 10 with direction to complete the additional surveying included in the response to Submittal 01054-4.*

*URS issued Field Order No. 6 to EnviroTrac on 06/19/18, direction for sampling stained soil encountered during the entire North Lawn Area excavation. EnviroTrac responded via e-mail on 06/19/18 with a suggestion to handle this field order on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered. M. Alliegro asked if the samples collected would have a 24-hour turnaround time. M. Haggerty responded that they would.*

*URS issued Field Order No. 7 on 06/22/18, direction for abandoning SVE and SG points in the pavement at the site. K. Jackson stated that the abandonment of the four SVE points is already included in the Contract Documents, so the PCO for this work will only include the abandonment of the SG points. A general discussion commenced about the abandonment of the SG points. EnviroTrac suggested the possibility of plugging the points with a golf tee.*

*URS issued Field Order No. 8 to EnviroTrac on 05/31/18, direction to analyze additional samples from the Geoprobe ® program. The analytical results from those samples were submitted by EnviroTrac on 06/05/18. Costs for the additional sample analysis is included in PCO No. 3.*

*URS issued Field Order No. 9 on 06/15/18, direction for excavation around North Lawn Area sample locations with excessive PCB contamination.*

*URS issued Field Order No. 11, direction to excavate a small patch of asphalt on Cove Court at Rex White's request, on 06/21/18. EnviroTrac responded via e-mail on 06/21/18 with a suggestion to utilize existing contract units for the removal of this area. They stated that the area seems small enough where field measurements should suffice for volumetric calculations. This area was not included in the most recent South Lawn Area Post-Excavation Survey. K. Jackson and M. Alliegro will tape off this area in the field.*

- 8. Field Clarification Memos**  
FCM Log Attached (Attachment A)  
None
- 9. Disputes/Claims**  
None
- 10. Proposed Change Orders**  
PCO Log Attached (Attachment A)

*URS responded to EnviroTrac's PCO No. 1, for additional costs associated with the subgrade alterations, "Resubmit with Revisions" on 05/17/18. EnviroTrac responded to URS' response via e-mail on 05/23/18. An extensive discussion commenced regarding this PCO. M. Haggerty stated that the Department is willing to grant a 7-calendar day extension to the Contract Time in PCO No. 1. The equipment costs that EnviroTrac has included in the PCO will be replaced with 5 days of Site Facilities and Services and 5 days of Vibration and Structure Monitoring at the daily rates in the approved Bid Breakdown. The total value of the current PCO and the total value of the PCO with the above changes are close. EnviroTrac must submit the invoice from LKMA for the survey work included in PCO No. 1. URS will re-issue comments on PCO No. 1.*

*URS responded to EnviroTrac's PCO No. 2, for additional costs associated with direction provided in Field Order Nos. 1 and 2 for additional North Lawn Area PCB samples, "Resubmit with Revisions" on 06/21/18. The PCO contained a math error. EnviroTrac submitted the corrected PCO No. 2 on 06/21/18. URS will approve PCO No. 2.*

*URS responded to EnviroTrac's PCO No. 3, for additional costs associated with direction provided in Field Order Nos. 3 for North Lawn Area Geoprobe ® Sampling, "Resubmit with Revisions" on 06/21/18. The PCO needed to be revised to include a PID, an empty drum, and an additional day of the Geoprobe ®. The Project Manager listed in the PCO also had to be reclassified as a "Forman" with an hourly rate (including markup) of \$95.00/hour. EnviroTrac submitted the corrected PCO No. 3 on 06/21/18. URS will approve PCO No. 3 as noted, stating that final payment will be based on the actual number of samples analyzed.*

*EnviroTrac submitted PCO No. 4, for additional costs associated with the Yard Drain modifications, on 06/06/18. During Progress Meeting No. 6, M. Rose stated that the labor rate shown should have been \$95.00/hour, equal to the prevailing wage for the laborer (\$82.13/hour) plus the 15% markup for labor allowed by the Contract Documents. Today, K. Jackson stated that the unit cost in the credit shown for the 4-inch diameter pipe that will not be used appears low at \$0.46/lf. K. Jackson expected that unit cost to be \$2.56/lf. URS will respond to the PCO.*

*EnviroTrac submitted PCO No. 5 on 06/26/18, a request for an extension to the Contract Time. URS will respond to the PCO.*

#### **11. Payment Applications**

*URS approved CAP No. 3 on 06/19/18. M. Rose stated that he received an e-mail notification that the CAP had been submitted in AGIS. C. Dusel stated the URS had to manually enter EnviroTrac's CAP No. 3, but it will make it into URS' CAP.*

*K. Jackson instructed EnviroTrac to keep asking LKMA for their certified payroll and invoices.*

#### **12. WBE/MBE Utilization**

*K. Jackson stated that if EnviroTrac uses the WBE/MBE that they had previously proposed for the North Lawn Area excavation, they will have to update their Utilization Plan. C. Dusel stated that quarter closes on 07/01/18 and that the WBE/MBE reports are due on 07/10/18.*

#### **13. Health and Safety**

*K. Jackson stated that a resident's vehicle was struck after hours on 06/25/18. He reminded meeting parties to be aware of fast moving vehicles onsite.*

#### **14. Open Discussion**

- K. Jackson asked EnviroTrac for an update on the approval of the Planter Box soils. K. Jackson estimated that Day 10 of the PADEP's review period was Friday 06/22/18. M. Rose responded that Clean Earth included the letter prepared by URS in a package that they prepared for the PADEP's review. It took Clean Earth a couple of days to prepare that package. The 10-day review period begins when the PADEP receives Clean Earth's package. M. Rose also stated that there is a new employee at the PADEP who is exerting authority on items that were not previously issues in previous reviews. He stated that many disposal facilities in Pennsylvania have voiced their frustration and the PADEP is behind in their reviews.*
- M. Alliegro asked about the excavation of planter boxes that are not shown in the Contract Documents. URS responded that a Field Order will be issued for those planter boxes. URS also requested that the soils that were excavated from Planter*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 7  
Page 6**

*Boxes CAP 6, COV 20, and COV 20A that were segregated from the other Planter Box soils due to concerns from Clean Earth are clearly labeled with spray paint.*

- *M. Rose submitted the three quotations for the transportation and disposal of the TSCA waste in the North Lawn Area. The unit pricing ranged from \$300/ton to \$365/ton. K. Jackson asked M. Rose to match the unit pricing with a facility. All three quotes involved the shipment of the material to either Emelle, Alabama through Clean Earth or Wayne, Michigan.*
- *M. Rose suggested using weight tickets as the basis for payment of backfilling the North Lawn Areas with excessive PCB concentrations rather than survey. URS will discuss the matter internally.*
- *M. Haggerty has discussed the possibility of EnviroTrac's use of Villas at Riverview water to irrigate the Condo 3 portion of the South Lawn Area sod with Michael Jennings. M. Jennings agreed to allow EnviroTrac to use Villas water. EnviroTrac will pay M. Jennings directly for the use of the water. M. Alliegro asked who had the responsibility of winterizing the South Lawn Area irrigation system. URS will investigate the matter.*
- *URS discussed EnviroTrac's Tax Exemption Form Request with M. Haggerty. URS will need to sign the Form. M. Rose stated that the form is precautionary and EnviroTrac would like to have it on file. URS will need to research the form further internally.*
- *EnviroTrac does plan on mobilizing a Guzzler® vacuum excavator to the site for the Riviera Court Planter Box and Island excavation.*
- *On 06/22/18, M. Rose made a verbal request to K. Jackson to cancel settlement monitoring for the week ending 06/29/18 because work would not be conducted in the South Lawn Area this week. K. Jackson denied the request, citing the settlement monitoring requirement in the Contract Documents and the importance of having settlement monitoring data. M. Rose stated that EnviroTrac may submit a request for reimbursement of settlement monitoring costs for this week, due to delays.*
- *URS and the Department do want to install the yard drain at the western end of the South Lawn Area, per M. Jennings' request. URS will issue a Field Order to EnviroTrac for the work.*
- *K. Jackson stated that per the latest South Lawn Area survey, 1,627 cubic yards of material have been excavated from the South Lawn Area. This volume includes 4 rolloffs of C&D Debris.*
- *EnviroTrac stated that they have fence and landscaping sub-subcontractors lined up for the project.*
- *LKMA surveyed the completed Cove and Capstan Court planter boxes and islands*

on 06/25/18. K. Jackson asked EnviroTrac to submit that survey data as soon as possible.

- M. Haggerty stated that he would like the North Lawn Area mowed. EnviroTrac estimated that the effort would be a couple of hours of labor with the lawn mower. URS will issue a Field Order to EnviroTrac for the task. EnviroTrac has the mower onsite today, but it needs a new battery.
- M. Rose stated that one of the plants specified in the restoration for the project is listed as an invasive species. He also stated that EnviroTrac has had difficulty locating the California Pine that is specified. URS requested that EnviroTrac submit an RFI for these items.

## 15. Action Items

### Previous Action Items

- EnviroTrac
  - Provide comments on Minutes from Project Progress Meeting No. 5. – **Completed**
  - Resubmit Project Progress Schedule utilizing full extent of the Contract Time. – **Completed**
  - Submit outstanding vibration reports and crack monitoring data. – **Completed**
  - Check with Vanguard on the meaning of “N/A” in the settlement reports. – **Completed**
  - Resubmit Vibration Monitoring Plan.- **Completed**
  - Provide invoices from LKMA for work included in PCO No. 1.
  - Provide certified payroll and invoices from LKMA
  - Submit quotations for transportation and disposal of TSCA waste. – **Completed**
  - Install snow fence across the stairwell entrance on the western side of the North Lawn Area.
  - Update list of Sub-Subcontractors
- URS
  - Provide comments on Project Progress Schedule. – **Completed**
  - Respond to Bid Breakdown Submittal. – **Completed**
  - Review and respond to settlement monitoring reports. – **Completed**
  - Review weight tickets for May 2018 transportation and disposal. – **Completed**
  - Respond to RFI No. 6.- **Completed**
  - Issue Field Order No. 10 – **Completed**
  - Issue Field Order No. 7 – **Completed**
  - Issue Field Order No. 9 – **Completed**
  - Prepare letter for North Lawn Area soils. – **Completed**
  - Approve PCO No. 2
  - Respond to PCO No. 3 – **Completed**
  - Respond to PCO No. 4

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 7  
Page 8**

- *Process CAP No. 3 – **Completed***
- *Review Tax Exemption Form.*
- *Discuss EnviroTrac's proposed method of irrigating the Condo 3 portion of the South Lawn Area. – **Completed***
- *Issue Field Order to EnviroTrac for excavation of unidentified planter boxes.*
- *Provide drawing for Yard Drain Detail. – **Completed***
- *Discuss drainage improvement request made by Villas Property Manager Michael Jennings. - **Completed***

- **NYSDEC**

Current Action Items

- **EnviroTrac**
  - *Provide comments on Minutes from Project Progress Meeting No. 6.*
  - *Submit missing backfill weigh bill.*
  - *Resubmit Vibration Monitoring Plan.*
  - *Submit sketch showing backfill sample locations.*
  - *Submit certified payroll and invoices from LKMA.*
  - *Spray paint stockpiled soils from Planter Boxes CAP 6, COV 20, and COV 20A.*
  - *Submit RFI for issues with plants specified for the project.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Approve Weekly Settlement and Vibration Monitoring Reports.*
  - *Review and respond to Crack Monitoring Reports.*
  - *Approve May 2018 Completed Manifests and Transportation and Disposal Weight Tickets.*
  - *Review and respond to Pre-Construction Survey Report.*
  - *Re-issue comments on PCO No. 1.*
  - *Approve PCO No. 2.*
  - *Approve PCO No. 3.*
  - *Respond to PCO No. 4.*
  - *Respond to PCO No. 5.*
  - *Issue Field Order for the Excavation of Planter Boxes that are not shown on the Contract Documents*
  - *Check on the responsibility of winterizing the South Lawn Area irrigation system.*
  - *Research EnviroTrac's Tax Exemption Form*
  - *Issue Field Order for Installation of Western Yard Drain in the South Lawn Area.*
  - *Issue a Field Order to EnviroTrac for mowing the North Lawn Area*
  
- **NYSDEC**



**College Point 3 Interim Remedial Measure  
Project Progress Meeting 7  
Page 9**

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 7 was scheduled for Wednesday, July 11, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:15 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 7 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, June 27, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**



- **Pre-Construction Survey Report**

- **Sample Location Figure**

- **Final Grading Plan**

**6. RFI/Field Orders**

- **RFI and Field Order Logs Attached**
- **RFI No. 6 – North Lawn Area Survey**



- **Field Order No. 10 – Additional North Lawn Area Survey Items**

- **Field Order No. 11 – Direction to Excavate Small Asphalt Patch on Cove Court**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**





**10. Payment Applications**

- **Payment Application No. 3**

- **Certified Payroll and Invoicing for LKMA**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Traffic Safety**



- **Riviera Planter Box and Island Excavation**
- **North Lawn Soils Approval**
- **Vibration, Settlement, and Crack Monitoring**
- **Western Yard Drain**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 7 Agenda  
Page 10**

- **Backfilling**
- **Fence Restoration**
- **Landscaping**
- **South Lawn Area Survey**

- **Planter Box Survey**

- **Grass Cutting**

#### **14. Action Items**

##### Previous Action Items

- *EnviroTrac*
  - *Provide comments on Minutes from Project Progress Meeting No. 5.*
  - *Resubmit Project Progress Schedule utilizing full extent of the Contract Time.*
  - *Submit outstanding vibration reports and crack monitoring data.*
  - *Check with Vanguard on the meaning of “N/A” in the settlement reports.*
  - *Resubmit Vibration Monitoring Plan.*
  - *Provide invoices from LKMA for work included in PCO No. 1.*
  - *Provide certified payroll and invoices from LKMA*
  - *Submit quotations for transportation and disposal of TSCA waste.*
  - *Install snow fence across the stairwell entrance on the western side of the North Lawn Area.*
  - *Update list of Sub-Subcontractors*

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 7 Agenda  
Page 12**

- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Respond to Bid Breakdown Submittal.*
  - *Review and respond to settlement monitoring reports.*
  - *Review weight tickets for May 2018 transportation and disposal.*
  - *Respond to RFI No. 6.*
  - *Issue Field Order No. 10*
  - *Issue Field Order No. 7*
  - *Issue Field Order No. 9*
  - *Prepare letter for North Lawn Area soils.*
  - *Approve PCO No. 2*
  - *Respond to PCO No. 3*
  - *Respond to PCO No. 4*
  - *Process CAP No. 3*
  - *Review Tax Exemption Form.*
  - *Discuss EnviroTrac's proposed method of irrigating the Condo 3 portion of the South Lawn Area.*
  - *Issue Field Order to EnviroTrac for excavation of unidentified planter boxes.*
  - *Provide drawing for Yard Drain Detail.*
  - *Discuss drainage improvement request made by Villas Property Manager Michael Jennings.*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions			
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions			
			b		4/2/2018	W. Smith	4/9/2018	Approved			
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted			
		01040-2		Staging Areas and Contamination Reduction Zone							
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
			a		3/8/2018	R. West	3/12/2018	Approved			
			b		4/17/2018	K. Jackson					
			c		4/27/2018	K. Jackson					
			d		5/9/2018	K. Jackson					
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions			
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions			
		g	6/22/2018	K. Jackson							
		01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>
				01051-2		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
					a		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
					b		4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
				01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018				
01051-4				North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions			
01051-5				South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved			
01051-6				South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions			
01051-7				Survey Instrument Certifications							
01051-8				Permanent Survey Control Monuments							
01051-9				Record Survey Drawings							
01051-10				Survey Field Notes and Records							
01051-11+				Survey Data and Maps for On-Site Work							
01051-12+		Sample Location Data									
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions			
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted			
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions			
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			b		3/2/2018	K. Jackson	3/5/2018	Approved			
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions			
			b		3/8/2018	K. Jackson	3/12/2018	Approved			



SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2+		Analytical Results					
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/14/2018	K. Jackson	5/15/2018	Approved as Noted	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2	a	Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
					4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
6/7/2018	K. Jackson								
01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson					
01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson					
01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson					
01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson					
01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson					
01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson			
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson			
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson			
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson			
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson			
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson			
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson			
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson			
		01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson			
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson			
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson			
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson			
		01730-29		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/25	6/20/2018	K. Jackson			
		01730-30		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson			
		01730-31		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson			
		01730-32		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson			
		01730-33		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson			
		01730-34		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson			
		01730-35		Pre-Construction Observation Report	6/25/2018	K. Jackson			
		01730-11		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			b		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
					4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			b		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
					4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Final Grading Plan					
		02300-5		Sample Location Sketch					
		02300-6		Weigh Bills for Backfill					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
			a		6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-7		Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
			a		6/19/2018	K. Jackson	6/21/2018	Approved	
		02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018		
02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson					
02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018						
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
02734-2		Well Abandonment Records							
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		a	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		b	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		c	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
		d	6/7/2018		K. Jackson	6/20/2018	Approved as Noted		
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
		a			3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: June 26, 2018 (1:58 PM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: June 26, 2018 (4:20PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: June 26, 2018 (4:20PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: June 26, 2018 (4:20PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	



# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: June 26, 2018 (4:26PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe ® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe ® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</p>			
10	06/19/18	<p>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p>EnviroTrac shall excavate the paved section on Cove Court shown in the attached Picture and Drawing to the depth of the adjacent South Lawn Area</p>	06/21/18	<p>EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small enough where field measurements should suffice for volumetric calculations.</p>	

<b>F.O. No.</b>	<b>Date Sent</b>	<b>Brief Description of Field Order</b>	<b>Date Responded</b>	<b>Contractor Response</b>	<b>Additional Actions</b>
		<b>excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.</b>			

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: June 26, 2018 (4:24PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18	Y,Y				\$19,041.00	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75			\$1,017.75	0 day
0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.		Resubmit with Revisions on 05/17/18; Resubmit with	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18			\$12,070.00	0 day



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
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 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	N	N					
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			34	1752130	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

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LIO - Liotta Brothers Recycling Corp  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y			35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y			80	1752084	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y			85	1752078	

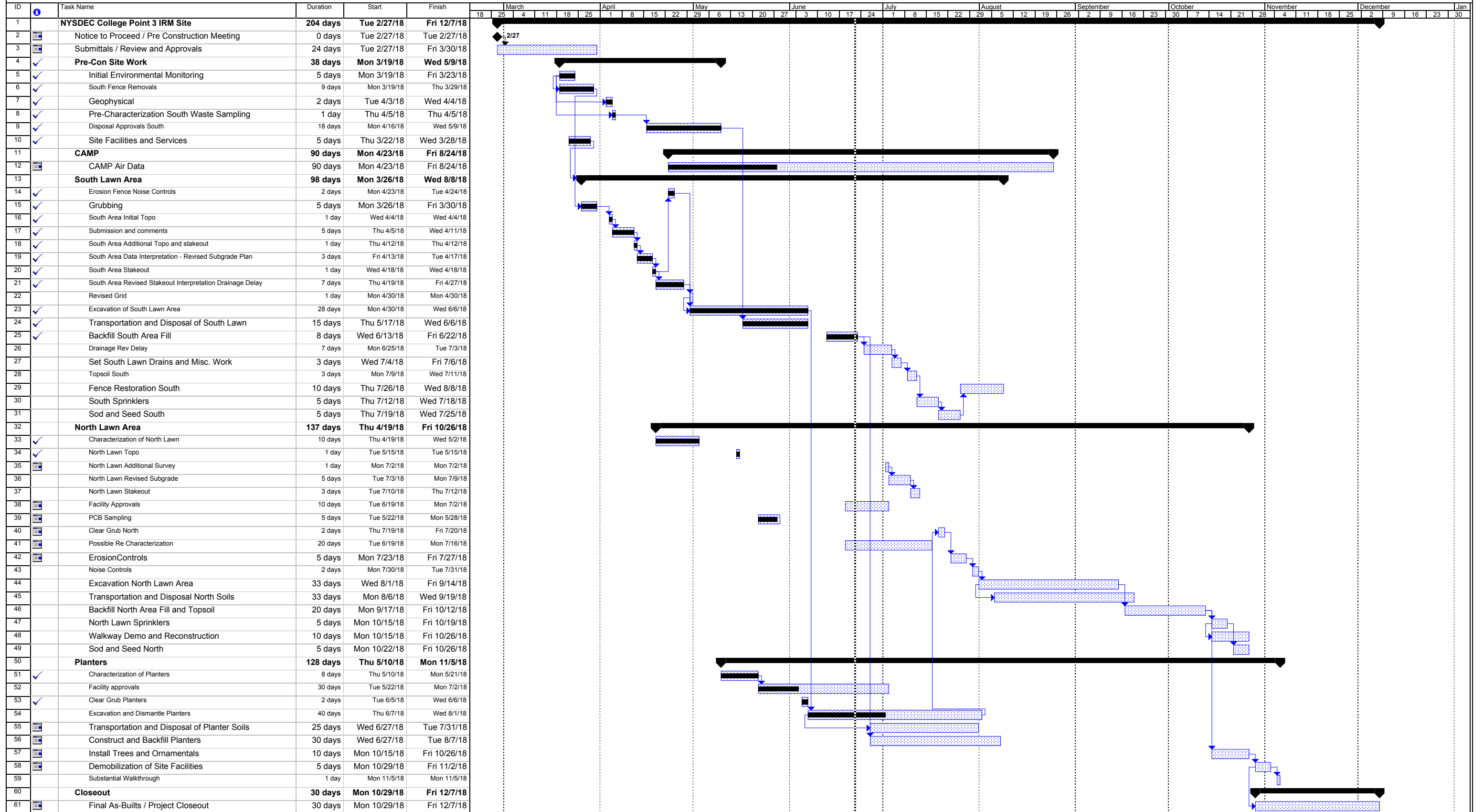
**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3  
Date: Fri 6/22/18

Task Progress Summary Rolled Up Split Rolled Up Progress Project Summary Deadline

Split Milestone Rolled Up Task Rolled Up Milestone External Tasks External Milestone

PROJECT PROGRESS MEETING No. 8 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number:241122**  
**CONTRACT #D007622-47**

Wednesday, July 11, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 7 on 07/10/18. Michael Rose has reviewed the minutes and has no comments. URS distributed the minutes from Progress Meeting No. 6 on 06/26/18. Michael Rose had not reviewed the minutes prior to Progress Meeting No. 7. He has since reviewed the minutes and has no comments. The minutes from Progress Meetings No. 6 and 7 are now deemed final.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac completed a partial survey of the South Lawn Area backfill, surveyed the planter box excavation, completed the additional survey items in the North Lawn Area that were included in Field Order No. 10, continued the Cove Court and Capstan Court planter box excavations, continued the Riviera Court planter box excavations using the excavator and the Guzzler®, mowed the North Lawn Area, and accepted delivery of the 12" pipe for the eastern yard drain in the South Lawn Area.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on installing the eastern yard drain in the South Lawn Area, collecting documentation samples from the planter boxes, continuing to backfill the South Lawn Area, backfilling the planter boxes, and rebuilding the planter boxes. M. Rose also stated that EnviroTrac plans on beginning the placement of topsoil at the end of July as shown on the latest Project Progress Schedule.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 07/10/18, served as the guide for this discussion. It is included as Attachment C.*

*The latest Project Progress Schedule shows a Substantial Completion Date of 11/07/18. EnviroTrac has added Items 28 through 30 to the latest schedule, associated with delays in obtaining the pipe cross and the completion of the eastern South Lawn Area yard drain installation, among other additions.*

*M. Haggerty stated that the disposal issue has put project parties into a tight spot.*

*M. Rose emphasized EnviroTrac's efforts in getting the planter box and North Lawn soils classified for acceptance into Clean Earth Bethlehem. He reported that EnviroTrac wants to foster cooperation with URS and the Department. He stated that had the excessive PCB concentrations not been encountered, EnviroTrac could have mobilized their excavation sub-subcontractor to the site to complete the North Lawn Area excavation and made up time in the schedule. M. Rose emphasized that EnviroTrac wants to complete the project as soon as possible and the PCBs encountered in the North Lawn Area were an unforeseen condition.*

*M. Haggerty stated that the Department would like EnviroTrac to begin the process for getting the planter box soils accepted to and disposed of at the Clean Earth Carteret, New Jersey facility as soon as possible.*

*M. Rose replied that he is concerned about the additional cost associated with disposing of the soil at Carteret instead of Bethlehem. He has estimated an approximate increase of \$15/ton for disposal of material at Carteret instead of Bethlehem. He requested a written confirmation that EnviroTrac will be paid for the increased disposal cost.*

*M. Haggerty requested that EnviroTrac begin the process for disposing of the planter box soils at Carteret and that costs would be negotiated. M. Rose stated that he could be fired for taking on the additional disposal costs without confirmation that EnviroTrac will be paid for them. The increased unit cost of \$15/ton would result in an increased cost of approximately \$60,000 for the disposal of the planter box soils.*

*M Haggerty asked if EnviroTrac had discussed the North Lawn Area soils with Carteret. M. Rose responded that he had not yet discussed the North Lawn Area soils with Carteret.*

*M. Haggerty stated that he would like EnviroTrac to begin a full search for alternative facilities to accept the North Lawn Area soils as well. URS will issue a Field Order to EnviroTrac with this direction.*

*M. Rose stated that he has investigated the Conestoga Landfill in Pennsylvania as an alternative option for the disposal of the North Lawn Area soils. They are a Subpart D Landfill and are not under the jurisdiction of the Pennsylvania DEP. He stated that Conestoga can also accept non-hazardous PCB waste. M. Rose thinks that the North*



*Lawn Area will have to be reclassified prior to consideration for acceptance to Conestoga.*

*C. Dusel stated that URS is willing to pay for additional sampling and profiling time.*

*M. Haggerty stated that EnviroTrac must obtain the proper number of quotes for the disposal of the planter box soils to satisfy the Department's Contract Division. M. Rose stated that he can obtain three quotes and he is confident that Carteret will have the lowest price.*

*URS will provide comments on the Project Progress Schedule.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*EnviroTrac submitted the missing weigh bill from backfill delivered to the site on 06/19/18. URS will approve the weigh bills for the backfill delivered to the site in June.*

*EnviroTrac has submitted Weekly Vibration and Settlement Monitoring Reports through the week ending 06/08/18. URS will approve the Reports.*

*On 06/25/18, EnviroTrac submitted Weekly Crack Monitoring Reports through the week ending 06/01/18. URS has reviewed the Reports and they will be approved.*

*EnviroTrac resubmitted the Vibration Monitoring Plan on 06/29/18. URS has reviewed the revised Plan and it will be approved.*

*EnviroTrac submitted completed waste manifests and transportation and disposal weight tickets from June 2018 on 07/10/18. C&D tickets from Liotta were also submitted. There were some Liotta tickets missing. K. Jackson will provide the dates of the missing tickets to M. Alliegro.*

*EnviroTrac submitted the Pre-Construction Survey Report from Vanguard on 06/25/18. URS is currently reviewing the submittal. The pictures match up with the observations noted by Vanguard, so far.*

*K. Jackson stated that per the Contract Documents, EnviroTrac is required to submit a sketch showing the location of each sample from the borrow source. C. Dusel recommended sending EnviroTrac a photograph of the backfill pile that they can mark up. K. Jackson will send the photograph to EnviroTrac.*

*EnviroTrac submitted planter box survey data on 07/08/18. K. Jackson stated that upon preliminary review, it appears as though EnviroTrac's surveyor may have the layer that shows the original grades turned off. K. Jackson will meet with R. West and provide comments on the submittal.*

*EnviroTrac submitted a revised North Lawn Area Topographic Survey on 07/10/18. K. Jackson stated that upon preliminary review, it appears as though URS's comments*

*have been addressed. K. Jackson will meet with R. West and provide comments on the submittal.*

*K. Jackson stated that a representative from Pacific Lawn Sprinklers, EnviroTrac's irrigation system sub-subcontractor was recently onsite. K. Jackson asked EnviroTrac if Pacific was aware of the extensive submittal package required for the irrigation system. M. Rose took exception to the requirement of providing a layout of the system prior to its installation. Meeting parties had an extensive discussion on the irrigation system. URS and the Department are willing to compromise on some aspects of the required submittal package.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*EnviroTrac has not yet submitted their RFI on the specified plant that is considered an invasive species and the specified plant that they have had difficulty finding. EnviroTrac will submit the RFI.*

*URS issued Field Order No. 12 to EnviroTrac on 07/05/18, direction to mow the North Lawn Area. The area was mowed on 07/05/18. URS and the Department stated that the North Lawn Area looks good. EnviroTrac will submit a PCO for the work.*

*URS issued Field Order No. 13 to EnviroTrac on 07/06/18, direction for the installation of the Yard Drain at the western end of the South Lawn Area, per Michael Jennings' request. EnviroTrac will submit a PCO for the work.*

*URS issued Field Order No. 14 to EnviroTrac, direction for the excavation and restoration of planters not identified in the Contract Documents, prior to today's meeting. EnviroTrac will submit a PCO for the work.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*URS re-issued comments on PCO No. 1, the PCO for additional costs associated with the subgrade alterations, on 07/10/18. The PCO was returned "Resubmit with Revisions". The PCO now includes a 7-calendar day extension to the Contract Time. M. Rose stated that he will work on the PCO on 07/12/18. K. Jackson stated that EnviroTrac has submitted the certified payroll from the surveyor, LKMA, but has not submitted their invoices for the costs presented in the PCO. EnviroTrac will submit LKMA invoices.*

*EnviroTrac submitted the corrected PCO No. 2, for additional costs associated with direction provided in Field Order Nos. 1 and 2 for additional North Lawn Area PCB samples, on 06/21/18. URS approved the PCO on 06/29/18.*

*EnviroTrac submitted the corrected PCO No. 3, for additional costs associated with direction provided in Field Order Nos. 3 for North Lawn Area Geoprobe® Sampling, “Resubmit with Revisions” on 06/21/18. URS returned the PCO “Approved as Noted” on 06/29/18, stating that payment would be based on the actual number of samples analyzed.*

*URS returned PCO No. 4, the PCO for additional costs associated with the Yard Drain modifications, “Resubmit with Revisions” on 07/10/18. The original PCO contained math errors and the pipe cross required for the completion of the eastern Yard Drain in the South Lawn Area needed to be included.*

*EnviroTrac submitted PCO No. 5 on 06/26/18, a request for an extension to the Contract Time. This PCO will be disapproved. Extensions to the Contract Time will be evaluated on a case-by-case basis with each PCO. URS will respond to the PCO.*

*EnviroTrac will submit PCO No. 7 for the installation of the western drain in the South Lawn Area.*

*EnviroTrac will submit PCO No. 8 for mowing the North Lawn Area.*

#### **11. Payment Applications**

*EnviroTrac submitted CAP No. 4 on 06/29/18. URS has reviewed the CAP and provided comments on 07/09/18. The original value of CAP No. 4 was \$208,454.50. K. Jackson’s comments reduced the value of the CAP to 163,884.50. K. Jackson stated that the Contract Documents places restrictions on when EnviroTrac can bill certain percentages of some of the Lump Sum Bid Items. EnviroTrac’s first draft of the CAP exceeded some of those restrictions. C. Dusel stated the URS can work with EnviroTrac with regard to the limits placed on the percentages of Lump Sum Bid Items. URS will review CAP No. 4 again after today’s meeting.*

*C. Dusel also stated that CAP No. 4 still needs to be submitted in AGIS but in the interim it can be directly inserted into URS’s invoice.*

*K. Jackson stated that he has reviewed EnviroTrac’s redline drawings and they are up to date.*

#### **12. WBE/MBE Utilization**

*C. Dusel stated that Quarterly WBE/MBE reports were due on 07/10/18.*

#### **13. Health and Safety**

*K. Jackson stated that operator/laborer Stephen Smith cut his hand while using a utility knife on the snow fence in the South Lawn Area on 07/10/18. He reminded*

*meeting parties about the importance of cutting tool safety.*

*K. Jackson also stated that the sewage leak from the northeastern corner of Building 3 returned on 07/02/18. Villas Property Manager Michael Jennings was immediately notified and the issue was remedied.*

#### 14. Open Discussion

- *K. Jackson forwarded the tax exemption forms submitted by EnviroTrac to URS' tax department. They informed K. Jackson that URS could not sign the specific form submitted by EnviroTrac, but they would search for a form that could be issued. They requested that a purchase order be submitted. URS will submit the purchase order.*
- *Meeting parties held an extensive discussion regarding the thickness of the topsoil to be placed in the South Lawn Area. Meeting parties agreed that the 4" between the elevation at the top of the clean fill and final grade elevation would consist of 3" of topsoil and 1" of sod.*
- *Meeting parties also held a discussion regarding the restoration of the 24 Yards in the South Lawn Area. Contract Drawing C-011 specifies which plantings will be placed in each Yard. R. West stated that the plantings will not be replaced entirely in-kind. Only the plants that will make it through the winter are being replaced. M. Haggerty would like to give the residents the option of having their yards restored with the plants specified in the Contract Documents or sod only. He suggested that URS contact Condo 3 Property Manager Rex White for the best way of getting in contact with the residents. URS will contact Rex White.*
- *EnviroTrac has almost completed excavation of the Riviera Court Planter Boxes and Islands. M. Haggerty suggested that the re-plantings in the common islands also be coordinated with condo property management. The plantings in the common islands are also currently specified in the Contract Documents.*

#### 15. Action Items

##### Previous Action Items

- *EnviroTrac*
  - *Provide comments on Minutes from Project Progress Meeting No. 6. – **Completed***
  - *Submit missing backfill weigh bill. – **Completed***
  - *Resubmit Vibration Monitoring Plan. – **Completed***
  - *Submit sketch showing backfill sample locations.*
  - *Submit certified payroll and invoices from LKMA. – **Partially Completed***
  - *Spray paint stockpiled soils from Planter Boxes CAP 6, COV 20, and COV 20A.*
  - *Submit RFI for issues with plants specified for the project.*
- *URS*
  - *Provide comments on Project Progress Schedule.*

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Project Progress Meeting 8  
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- *Approve Weekly Settlement and Vibration Monitoring Reports.*
  - *Review and respond to Crack Monitoring Reports.*
  - *Approve May 2018 Completed Manifests and Transportation and Disposal Weight Tickets.*
  - *Review and respond to Pre-Construction Survey Report.*
  - *Re-issue comments on PCO No. 1. – **Completed***
  - *Approve PCO No. 2. – **Completed***
  - *Approve PCO No. 3.- **Completed***
  - *Respond to PCO No. 4.- **Completed***
  - *Respond to PCO No. 5.*
  - *Issue Field Order for the Excavation of Planter Boxes that are not shown on the Contract Documents – **Completed***
  - *Check on the responsibility of winterizing the South Lawn Area irrigation system.*
  - *Research EnviroTrac's Tax Exemption Form*
  - *Issue Field Order for Installation of Western Yard Drain in the South Lawn Area. – **Completed***
  - *Issue a Field Order to EnviroTrac for mowing the North Lawn Area – **Completed***
- *NYSDEC*

Current Action Items

- *EnviroTrac*
  - *Pursue alternative facilities for the disposal of the planter box and North Lawn Area soils.*
  - *Provide sketch of backfill sample locations.*
  - *Provide missing Liotta tickets.*
  - *Submit RFI on plants.*
  - *Submit PCO for mowing the North Lawn Area.*
  - *Submit a PCO for the western yard drain.*
  - *Submit a PCO for the excavation and restoration of planter boxes and islands that are not identified in the Contract Documents.*
  - *Submit invoices from LKMA.*
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Issue Field Order to EnviroTrac to pursue alternative facilities for the planter box and North Lawn Area soils.*
  - *Approve Vibration Monitoring Plan.*
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports.*
  - *Provide dates of missing Liotta tickets.*
  - *Send photograph of backfill pile to EnviroTrac.*
  - *Provide comments on planter box survey.*
  - *Provide comments on North Lawn Area Topographic Survey.*
  - *Respond to PCO No. 5.*
  - *Review CAP No. 4.*
  - *Submit purchase order to URS's tax department.*
  - *Contact Rex White regarding restoration of the South Lawn Area Yards.*

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Page 8**

- *NYSDEC*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 9 was scheduled for Wednesday, July 25, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:14 pm.*

***ATTACHMENTS:***

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 8 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, July 11, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**



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Progress Meeting No. 8 Agenda  
Page 2**

**5. Submittals**

- **Submittal Log Attached**
- **Weigh Bills for Backfill**
- **Weekly Vibration Settlement Monitoring Reports**
- **Vibration Monitoring Plan**
- **Transportation and Disposal Weight Tickets**

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Page 3**

- **Pre-Construction Survey Report**

- **Sample Location Figure**

- **Planter Box Survey Data**

- **North Lawn Topography**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 8 Agenda  
Page 4**

- **Irrigation System Package**

**6. RFI/Field Orders**

- **RFI and Field Order Logs Attached**

- **RFI for Plantings**

- **Field Order No. 12 – North Lawn Area Mowing**

- **Field Order No. 13 – Western Yard Drain**

- **Field Order No. 14 – Unidentified Planter Boxes**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**

- **PCO-2 – PCB Samples**



- **Grass Cutting**

- 10. Payment Applications**
  - **Payment Application No. 4**

- **Invoicing for LKMA**

- 11. WBE/MBE Utilization**

**12. Health and Safety**

- **Cutting Tools Safety**

- **Building 3 Sewage Leak**

**13. Open Discussion**

- **Planter Box Soils Approval**

- **North Lawn Area Further Delineation**





- **Backfill Grading**

#### 14. Action Items

- Previous Action Items *EnviroTrac*
  - *Provide comments on Minutes from Project Progress Meeting No. 6.*
  - *Submit missing backfill weigh bill. – **Completed***
  - *Resubmit Vibration Monitoring Plan. - **Completed***
  - *Submit sketch showing backfill sample locations.*
  - *Submit certified payroll and invoices from LKMA. - **Partially Completed***
  - *Spray paint stockpiled soils from Planter Boxes CAP 6, COV 20, and COV 20A. - **Completed***
  - *Submit RFI for issues with plants specified for the project.*
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Approve Weekly Settlement and Vibration Monitoring Reports. - **Completed***
  - *Review and respond to Crack Monitoring Reports. - **Completed***
  - *Approve May 2018 Completed Manifests and Transportation and Disposal Weight Tickets. - **Completed***
  - *Review and respond to Pre-Construction Survey Report.*
  - *Re-issue comments on PCO No. 1. - **Completed***
  - *Approve PCO No. 2. - **Completed***
  - *Approve PCO No. 3. - **Completed***
  - *Respond to PCO No. 4. - **Completed***
  - *Respond to PCO No. 5.*
  - *Issue Field Order for the Excavation of Planter Boxes that are not shown on the Contract Documents*
  - *Check on the responsibility of winterizing the South Lawn Area irrigation system.*
  - *Research EnviroTrac's Tax Exemption Form*
  - *Issue Field Order for Installation of Western Yard Drain in the South Lawn Area. - **Completed***
  - *Issue a Field Order to EnviroTrac for mowing the North Lawn Area - **Completed***

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>	
		01035-2	Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved		
			b		4/17/2018	K. Jackson				
			c		4/27/2018	K. Jackson				
			d		5/9/2018	K. Jackson				
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions		
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions		
			g		6/22/2018	K. Jackson				
		h	7/10/2018	K. Jackson						
		01051-1	Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>		
		01051-2	Pre-Construction Topographic Survey		4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
a	4/13/2018			K. Jackson	5/1/2018		<i>Not Subject to Review</i>			
	b	4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>				
01051-3	South Lawn Area Excavation Check Through 05/15/18	5/22/2018								
01051-4	North Lawn Area Pre-Construction Topographic Survey		5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions				
		a	7/10/2018	K. Jackson						
01051-5	South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved					
01051-6	South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions					
01051-7	Planter Box Survey Data	7/8/2018	K. Jackson							
01051-8	Survey Instrument Certifications									
01051-9	Permanent Survey Control Monuments									
01051-10	Record Survey Drawings									
01051-11	Survey Field Notes and Records									
01051-12+	Survey Data and Maps for On-Site Work									
01051-13+	Sample Location Data									
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			b		3/2/2018	K. Jackson	3/5/2018	Approved		
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
		01300-2	RFI Template	a	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions		
				b	3/8/2018	K. Jackson	3/12/2018	Approved		
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		
			b		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions		
					3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions		
			c		3/22/2018	G. Kisluk	3/22/2018	Approved		
		01400-2+	Analytical Results							
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions		
		01510-2	Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved			
		01570-1		Transportation Plan					<i>See T&amp;D Plan and Traffic Control Plan</i>	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01570	Maintenance and Protection of Traffic	01570-1		Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/14/2018	K. Jackson	5/15/2018	Approved as Noted	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2	a	Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson			
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson			
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson			
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson			
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson			
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson			
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson			
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson			
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson			
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson			
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson			
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson			
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson			
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson			
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson					
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson					
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson					
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson					
01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson					
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson					
01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson			
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson			
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson			
		01730-35		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
					4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-2		Demarcation Barrier					
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson			
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Final Grading Plan					
		02300-6		Sample Location Sketch					
		02300-7		Weigh Bills for Backfill					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
					6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-7	a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
6/19/2018	K. Jackson				6/21/2018	Approved			
02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018				
02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson					
02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved			
02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018				

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson			
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson			
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			b		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
			c		4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
			d		6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: July 10, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	



# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: July 11, 2018 (5:31AM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe ® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe ® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</p>			
10	06/19/18	<p>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p>EnviroTrac shall excavate the paved section on Cove Court shown in the attached Picture and Drawing to the depth of the adjacent South Lawn Area</p>	06/21/18	<p>EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small enough where field measurements should suffice for volumetric calculations.</p>	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.			
12	06/29/18	<b>EnviroTrac shall immediately mow the lawn in the North Lawn Area.</b>	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	<b>EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.</b>	07/09/18	Notification that estimate for the work is forthcoming.	

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: July 11, 2018 (5:27AM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18	Y,Y				\$19,041.00	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: July 11, 2018 (5:29AM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>



Updated: July 11, 2018 (5:29AM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: July 11, 2018 (5:29AM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Transporter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	N	N					
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61860	30.93	34	1752130	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	51420	25.71	80	1752084	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	47680	23.84	85	1752078	

**ATTACHMENT B:**

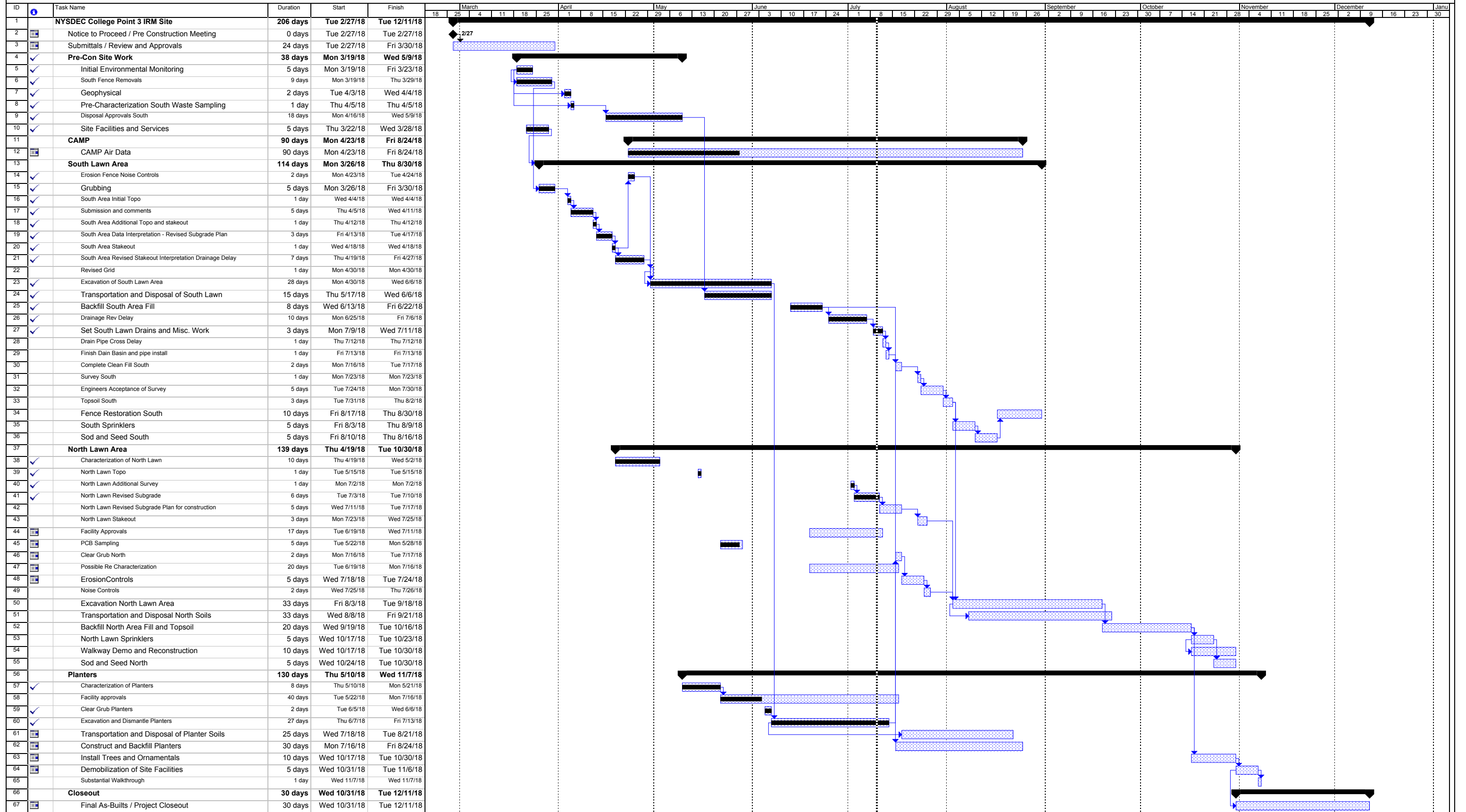
**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**



NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY



Project: COLLEGE POINT IRM 3    Date: Tue 7/10/18

Task    Progress    Summary    Rolled Up Split    Rolled Up Progress    Project Summary    Deadline  
Split    Milestone    Rolled Up Task    Rolled Up Milestone    External Tasks    External Milestone

PROJECT PROGRESS MEETING No. 9 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, July 25, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC  
Chuck Dusel – URS  
Kyle Jackson – URS  
Patrick Gehan – URS  
Randy West – URS (via telephone)  
Michael Rose – EnviroTrac  
Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 8 on 07/24/18. M. Rose stated that he had not yet reviewed the minutes. The minutes from Progress Meeting No. 8 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac installed the Eastern and Western South Lawn Area Yard Drains, collected Planter Box documentation samples, backfilled the South Lawn Area, excavated Riviera Court islands, backfilled Cove and Capstan Court Islands, backfilled Riviera Court Planter Boxes and Islands, and surveyed the South Lawn Area Backfill and Riviera Court Planter Boxes and Islands.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on addressing grading issues in the South Lawn Area that arose during the survey, reconstructing Planter Boxes, backfilling Planter Boxes and Islands, placing topsoil in the South Lawn Area, placing topsoil and mulch in the Planter Boxes, consolidating material grubbed from the Planter Boxes, surveying the alleys in the northeastern and southeastern corners of the South Lawn Area, and surveying the Planter Boxes and Islands.*

*M. Rose stated that topsoil placement is scheduled to begin next Monday 07/30/18. He estimated that the task would take 2-3 days to complete. K. Jackson stated that per Contract Specification 02900, EnviroTrac is required to submit a Vegetative Soil and Turf Work Plan prior to the placement of topsoil. C. Dusel reviewed the Specification Section with M. Rose. K. Jackson stated that URS will immediately review the*

*submittal upon receipt. EnviroTrac will submit the Plan.*

*M. Rose anticipated that the disposal of Planter Box soils to Clean Earth Carteret would occur concurrently with topsoil placement. C. Dusel stated that it is worthwhile to make one final call to Clean Earth Bethlehem regarding the approval of the Planter Box Soils.*

## **5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 07/24/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule on 07/19/18. M. Rose stated that he had not incorporated URS' comments into the schedule. He stated that the Substantial Completion Date of 11/07/18 has not changed since the last Schedule. M. Rose also stated that he has shortened the duration of the North Lawn Area excavation from 33 days to 26 days. K. Jackson stated that URS will review and respond to the Project Progress Schedule.*

## **6. Submittals**

**Submittal Log Attached (Attachment A)**

*EnviroTrac submitted a partial topographic survey of the South Lawn Area on 07/23/18. K. Jackson stated that the grades meet those specified in the Contract Documents and are ready for topsoil placement. The two alleys in the northeastern and southeastern corners of the South Lawn Area required additional grading and had to be re-surveyed. They were re-surveyed on 07/24/18. M. Rose requested that URS approve the partial topography, so that topsoil could be placed in those regions of the South Lawn Area. K. Jackson will review with R. West prior to issuing the approval. Meeting parties also agreed that the final restoration layer in the South Lawn Area will consist of 3 inches of topsoil and 1 inch of sod.*

*EnviroTrac submitted excavation volumes for the Planter Boxes and Islands, calculated by their surveyor LKMA, on 07/13/18. K. Jackson has reviewed the associated topographic surveys and the top and bottom elevations are in accordance with the Contract Documents. K. Jackson will review the documents with R. West prior to issuing approval. The majority of the Planter Boxes and Islands have been backfilled. LKMA will also generate Planter Boxes and Island backfill volumes for EnviroTrac.*

*EnviroTrac submitted a revised North Lawn Topographic Survey on 07/10/18. URS reviewed the Survey and no changes will be required to the North Lawn Area Grading Plans in the Contract Documents. URS returned the Submittal "Approved As Noted" on 07/23/18. There are still items from Field Order No. 10 that need to be shot and included in the Survey.*

*Meeting parties discussed the additional North Lawn Area sampling that is required for approval at Clean Earth Carteret. M. Rose stated that Clean Earth has requested additional samples around Geoprobe® Sample Location 13, an additional North*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 9  
Page 3**

*Lawn Area 3 Waste Characterization Sample, and additional samples around surface soil location SS-11. Clean Earth also requested that the soils around surface soil location SS-6 be excavated and segregated. They did not specify that samples had to be collected there.*

*Surface soil location SS-11 is currently located underneath the Planter Box Soils stockpile. URS determined the approximate location using a tape measure prior to today's meeting. M. Haggerty recommended in the future moving the pile as needed and locating SS-11 with a GPS unit. He also stated that the sample areas that are accessible should be collected and shipped to the lab today. After the meeting, URS and EnviroTrac collected the additional North Lawn Area 3 Waste Characterization Sample and the additional samples around Geoprobe ® Location 13.*

*M. Alliegro asked if stained North Lawn Area soils that were encountered during excavation would still be sampled. M. Haggerty responded that they would be sampled to stay in accordance with 6 NYCRR Part 361.*

*EnviroTrac was reminded to engage Subpart D Landfills in addition to Clean Earth Carteret for North Lawn Area and Planter Box soils approval.*

*EnviroTrac will need to finalize their transportation and disposal costs for the North area PCB soils. M. Rose anticipated hearing back from his contacts today. He stated that per his conversations with disposal facilities, the material would be shipped via rail car. A total of 100 tons of material are required to fill a rail car. The rail car would first travel to the Clean Earth North Jersey Facility and then to Wayne, MI or Emelle, AL. Shipment of the soil will not occur until enough rail cars are staged to make the transportation costs practical. He has estimated that two rail cars of material will be shipped from the site. M. Rose will finalize the quotations.*

*M. Rose also stated that the material would be loaded into 10 – 20 cubic yard rolloffs prior to being transported offsite. He anticipated a worst-case scenario of 1 rolloff being delivered to the site per day. C. Dusel requested that EnviroTrac prepare a brief Plan describing the PCB soils excavation, transportation, and disposal.*

*Meeting parties discussed whether or not the PCB soil could be stockpiled onsite. Live loading the material directly from the excavation would take time and significantly affect the transportation price. M. Rose stated that it would be more economical if the estimated 100 cubic yards of material could be live loaded from a stockpile. M. Haggerty stated that he would make a phone call after the meeting to check on stockpiling TSCA waste.*

*EnviroTrac submitted the analytical report for the documentation samples collected in South Lawn Area on 07/20/18. K. Jackson stated that per the Contract Documents, ChemTech will be required to prepare a Category B deliverable of the report. G. Kisluk reviewed the report that was submitted and it is representative of a Category A Report. M. Rose stated that he is aware that a Category B report is required. EnviroTrac will submit the Category B report.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*EnviroTrac has not yet submitted their RFI on the specified plant that is considered an invasive species and the specified plant that they have had difficulty finding. EnviroTrac will submit the RFI.*

*URS issued Field Order No. 14 to EnviroTrac on 07/11/18, direction for the excavation and restoration of planters not identified in the Contract Documents. Per EnviroTrac, this work will be invoiced under the Contract Bid Items.*

*URS issued Field Order No. 15 to EnviroTrac on 07/16/18, direction to identify alternative facilities for the disposal of the Planter Box and North Lawn Area soils. EnviroTrac submitted quotations for the transportation and disposal of the Planter Box soils on 07/19/18.*

*URS will issue a Field Order to EnviroTrac for the additional North Lawn Area sampling discussed today.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*EnviroTrac resubmitted PCO No. 4 on 07/12/18, which included additional costs associated with the Yard Drain modifications. URS returned the PCO "Resubmit with Revisions" on 07/19/18. EnviroTrac increased the labor in the PCO from 4 hours to 24 hours and included the cost of the pipe cross in the revised PCO. URS reduced the labor to back to 4 hours in their response. Meeting parties agreed on 10 hours of labor in the PCO today. URS will issue a revised response.*

*URS returned PCO No. 5, a request for a general extension to the Contract Time, as "Disapproved" on 07/19/18. Extensions to the Contract Time will be evaluated and granted on a case-by-case basis with each PCO.*

*URS approved PCO No. 6 on 07/19/18, which included costs for mowing the North Lawn Area.*

*EnviroTrac submitted PCO No. 7 on 07/23/18, which included costs for transportation and disposal of the Planter Box Soils at Clean Earth Carteret. URS reviewed their draft comments with EnviroTrac. M. Rose stated that EnviroTrac would like their 5% Sub-subcontractor markup applied to the estimated quantity of material at the PCO unit cost rather than applied to the difference of the estimated quantity at the PCO unit cost less the Contract Unit Cost. K. Jackson stated that the latter method is how*

*these types of PCO's have been historically calculated. M. Haggerty stated that he would discuss the matter with G. Burke and get back to URS.*

*M. Rose stated that EnviroTrac will invoice for the excavation and restoration of unidentified planter boxes in Field Order No. 14 and the paved area in Field Order No. 11 under the Contract Bid Items. K. Jackson and M. Alliegro have tape measured quantities for these items.*

*K. Jackson stated that EnviroTrac still needs to submit the PCO for the installation of the western drain in the South Lawn Area. EnviroTrac will submit the PCO.*

*K. Jackson stated that EnviroTrac also still needs to submit the PCO for the PCB soils excavation in the North Lawn Area. EnviroTrac will submit the PCO.*

#### **11. Payment Applications**

*K. Jackson stated that URS approved CAP No. 4 on 07/13/18. C. Dusel stated that CAP No. 4 made it into URS' invoice, which will be finalized soon.*

*K. Jackson stated that LKMA still needs to submit their invoice for the costs included in PCO No. 1, which includes the cost for additional South Lawn Area surveying.*

#### **12. WBE/MBE Utilization**

*There was no WBE/MBE utilization discussion at this meeting.*

#### **13. Health and Safety**

*K. Jackson stated that CAMP monitor Matthew Hartman of Preferred Environmental Services was in a serious accident after work hours recently. He wasn't injured, but his passenger required hospitalization. K. Jackson reminded meeting parties of the importance of traffic safety.*

#### **14. Open Discussion**

- C. Dusel stated that during the pre-meeting site walkover, URS observed downspouts on Riviera Court emptying directly into the Planter Box Areas, causing erosion. A resident on Riviera Court also notified URS that this was occurring. M. Alliegro responded that EnviroTrac will reassemble downspouts to redirect water away from the Planter Boxes. He stated that EnviroTrac has brown downspout 90-degree elbows at their shop. After the Progress Meeting, EnviroTrac reassembled the applicable downspouts on Riviera Court.*
- K. Jackson stated URS has recently received new information from their tax department on EnviroTrac's Tax Exemption Form. URS will continue to pursue the matter.*
- M. Haggerty stated that he will contact Condo 3 Property Manager Rex White regarding whether or not accents are required on the reconstructed planter boxes.*

*M. Rose stated that a carpenter from EnviroTrac will be onsite beginning Monday 07/30/18 to assist with the Planter Box re-construction.*

- *Meeting parties held a general discussion about sod placement in the South Lawn Area. EnviroTrac wasn't sure how sod was going to be installed at this time. M. Rose stated that irrigation system installation is two weeks out. EnviroTrac will provide a sketch of the irrigation system layout.*
- *URS is going to prepare a letter for the South Lawn Area Condo 3 residents giving them the option of restoring their yard with sod only or with plantings specified for their yard in the Contract Documents. Meeting parties discussed an appropriate time frame to give the residents to respond. M. Rose stated that he is okay with giving the residents two weeks to respond. URS will send the letters and install a Drop Box onsite for the residents to place their responses in.*

## 15. Action Items

- Previous Action Items  
*EnviroTrac*
  - *Pursue alternative facilities for the disposal of the planter box and North Lawn Area soils.*
  - *Provide sketch of backfill sample locations.*
  - *Provide missing Liotta tickets.*
  - *Submit RFI on plants.*
  - *Submit PCO for mowing the North Lawn Area. - **Completed***
  - *Submit a PCO for the western yard drain.*
  - *Submit a PCO for the excavation and restoration of planter boxes and islands that are not identified in the Contract Documents. – **Closed***
  - *Submit invoices from LKMA.*
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Issue Field Order to EnviroTrac to pursue alternative facilities for the planter box and North Lawn Area soils. – **Completed***
  - *Approve Vibration Monitoring Plan.*
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports.*
  - *Provide dates of missing Liotta tickets. – **Completed***
  - *Send photograph of backfill pile to EnviroTrac. – **Completed***
  - *Provide comments on planter box survey.*
  - *Provide comments on North Lawn Area Topographic Survey.*
  - *Respond to PCO No. 5. – **Completed***
  - *Review CAP No. 4. – **Completed***
  - *Submit purchase order to URS's tax department. – **Completed***
  - *Contact Rex White regarding restoration of the South Lawn Area Yards. – **Completed***

Current Action Items

- *EnviroTrac*
  - *Submit Vegetative Soil and Turf Work Plan.*
  - *Submit Planter Box and Island Backfill Calculations.*
  - *Collect additional North Lawn Area Samples*
  - *Finalize PCB soil disposal quotation.*
  - *Prepare a brief Plan describing the North Lawn Area PCB excavation, transportation, and disposal.*
  - *Submit Category B analytical report for South Lawn Area Documentation Samples.*
  - *Submit PCO for the western yard drain.*
  - *Submit PCO for the North Lawn Area PCB excavation.*
  - *Submit LKMA invoices.*
  - *Provide a sketch of the South Lawn Area irrigation system.*
  
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Review Planter Box and Island excavation volume calculation.*
  - *Review Partial South Lawn Area Backfill Topographic Survey.*
  - *Issue Field Order for additional North Lawn Area sampling.*
  - *Issue revised response to PCO No. 4.*
  - *Follow-up with tax department on Tax Exemption Form.*
  - *Send Yard Restoration Letter to South Lawn Area Condo 3 residents.*
  - *Install Drop Box onsite.*
  - *Call Clean Earth Bethlehem regarding Planter Box Soils approval.*
  
- *NYSDEC*
  - *Discuss the stockpiling of TSCA wastes internally.*
  - *Discuss the Subcontractor Markup in PCO No. 7 internally.*
  - *Talk to Rex White regarding accents on reconstructed planter boxes.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 10 was scheduled for Wednesday, August 8, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 11:50 am.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*



**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 9 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, July 25, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 9 Agenda  
Page 2**

**5. Submittals**

- **Submittal Log Attached**
- **South Lawn Area Backfill Survey**
- **Planter Box Volume Survey**
- **Topsoil Equipment List/Soil and Turf Work Plan**
- **North Lawn Topography**

- **Documentation Sample Analytical Report**

**6. RFI/Field Orders**

- **RFI and Field Order Logs Attached**

- **RFI for Plantings**

- **Field Order No. 14 – Unidentified Planter Boxes**

- **Field Order No. 15 – Alternative Disposal Facilities**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 9 Agenda  
Page 4**

- **Field Order – Additional North Sampling**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-4 – Yard Drain Modifications**

- **PCO-5 – Time Extension**



- 10. Payment Applications**
  - **Payment Application No. 4**

- **Invoicing for LKMA**

- 11. WBE/MBE Utilization**





- **PCB Soil Transportation and Disposal**

- **Planter Box Reconstruction**

- **Sod Placement**

- **Yard Plantings**

**14. Action Items**

Previous Action Items

- *EnviroTrac*
  - *Pursue alternative facilities for the disposal of the planter box and North Lawn Area soils. – **In Progress***
  - *Provide sketch of backfill sample locations.*
  - *Provide missing Liotta tickets.*
  - *Submit RFI on plants.*
  - *Submit PCO for mowing the North Lawn Area. – **Completed***
  - *Submit a PCO for the western yard drain.*
  - *Submit a PCO for the excavation and restoration of planter boxes and islands that are not identified in the Contract Documents.*
  - *Submit invoices from LKMA.*
  
- *URS*
  - *Provide comments on Project Progress Schedule. - **Completed***
  - *Issue Field Order to EnviroTrac to pursue alternative facilities for the planter box and North Lawn Area soils. - **Completed***
  - *Approve Vibration Monitoring Plan.*
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports.*
  - *Provide dates of missing Liotta tickets. - **Completed***
  - *Send photograph of backfill pile to EnviroTrac. - **Completed***
  - *Provide comments on planter box survey. - **Completed***
  - *Provide comments on North Lawn Area Topographic Survey. - **Completed***
  - *Respond to PCO No. 5. - **Completed***
  - *Review CAP No. 4. - **Completed***
  - *Submit purchase order to URS's tax department. - **Completed***
  - *Contact Rex White regarding restoration of the South Lawn Area Yards. - **Completed***

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions			
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions			
			b		4/2/2018	W. Smith	4/9/2018	Approved			
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted			
		01040-2		Staging Areas and Contamination Reduction Zone							
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
			a		3/8/2018	R. West	3/12/2018	Approved			
			b		4/17/2018	K. Jackson					
			c		4/27/2018	K. Jackson					
			d		5/9/2018	K. Jackson					
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions			
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions			
			g		6/22/2018	K. Jackson					
	h		7/10/2018		K. Jackson	7/19/2018	Resubmit with Revisions				
	i	7/24/2018	K. Jackson								
	01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>	
			01051-2		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
				a		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
				b		4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
			01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018					
			01051-4		North Lawn Area Pre-Construction Topographic Survey		5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
				a		7/10/2018	K. Jackson	7/23/2018	Approved as Noted		
			01051-5		South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved		
01051-6				South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions			
01051-7			a	Planter Box Survey Data		7/8/2018	K. Jackson	7/11/2018	Rsubmit with Revisions		
						7/13/2018	K. Jackson				
01051-8				South Lawn Backfill Survey	7/23/2018	K. Jackson					
01051-9				Survey Instrument Certifications							
01051-10				Permanent Survey Control Monuments							
01051-11		Record Survey Drawings									
01051-12		Survey Field Notes and Records									
01051-13+		Survey Data and Maps for On-Site Work									
01051-14+		Sample Location Data									
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions			
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted			
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions			
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			b		3/2/2018	K. Jackson	3/5/2018	Approved			
			2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01300-2	a	RFI Template	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			b		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			c		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
		01400-2+		Analytical Results	3/22/2018	G. Kisluk	3/22/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
		01730-3		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-4		Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7		Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-8		Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-9		Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-10		Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson			
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson			
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson			
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson			
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson			
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson			
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson			
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson			
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson			
01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson					
01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson					
01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson					
01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson					
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson					
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson					
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson			
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson			
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson			
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson			
		01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson			
		01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson			
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson			
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson			
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson			
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson			
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson			
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/19	7/12/2018	K. Jackson			
		01730-38		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson			
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson			
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Final Grading Plan					
		02300-6		Sample Location Sketch					
		02300-7		Weigh Bills for Backfill					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
		02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02508	Community Air Monitoring Program	02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
			a		5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/25/2018	K. Jackson	5/25/2018	Approved	
			a		5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	6/5/2018	K. Jackson	6/8/2018	Approved	
			a		6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
			a		6/19/2018	K. Jackson	6/21/2018	Approved	
		02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018		
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson			
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018		
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson			
02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved			
02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved			
02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
			a		4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Soil and Turf Work Plan					
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		a			3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
		b			4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
		c			4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
		d			6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
		a			3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: July 25, 2018 (5:43AM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe ® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe ® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</p>			
10	06/19/18	<p>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p>EnviroTrac shall excavate the paved section on Cove Court shown in the attached Picture and Drawing to the depth of the adjacent South Lawn Area</p>	06/21/18	<p>EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small enough where field measurements should suffice for volumetric calculations.</p>	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.			
12	06/29/18	<b>EnviroTrac shall immediately mow the lawn in the North Lawn Area.</b>	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	<b>EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.</b>	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	<b>EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.</b>	07/11/18		
15	07/16/18	<b>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations for the transportation and offsite disposal of the soils at those facilities,</b>	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</b></p> <ul style="list-style-type: none"><li><b>• Identify any related project schedule impacts resulting from use of those disposal facilities.</b></li><li><b>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</b></li></ul>			

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: July 25, 2018 (5:45AM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: July 25, 2018 (5:45AM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: July 25, 2018 (5:45AM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	



# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: July 24, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: July 25, 2018 (5:44AM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10			\$19,041.00	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	N	N					
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	N	N	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	61860	30.93	34	1752130	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	N	N	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	N	N	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	N	N	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	N	N	51420	25.71	80	1752084	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	N	N	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	N	N	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	N	N	47680	23.84	85	1752078	

**ATTACHMENT B:**

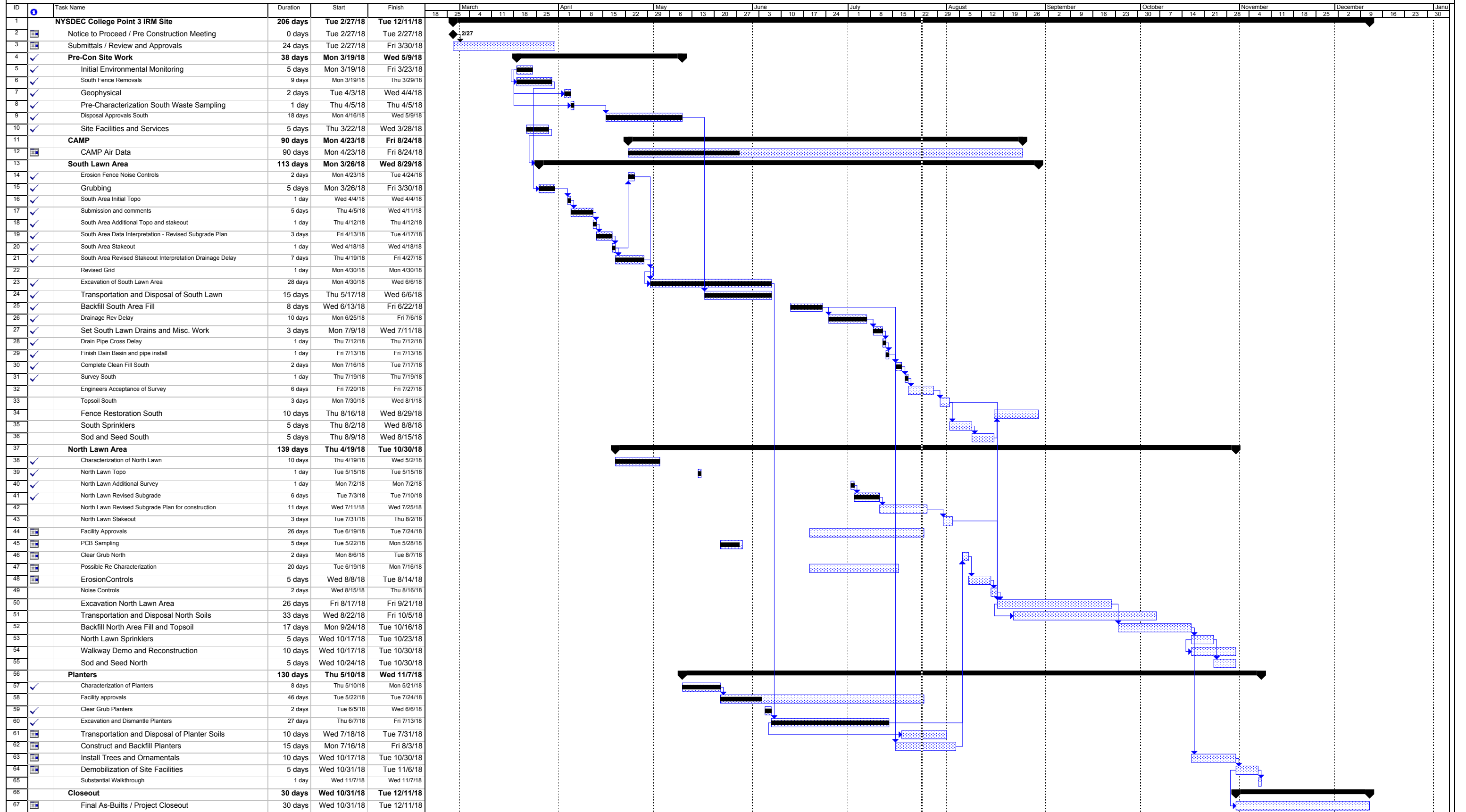
**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**





**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY



Project: COLLEGE POINT IRM 3    Date: Tue 7/24/18

Task    Progress    Summary    Rolled Up Split    Rolled Up Progress    Project Summary    Deadline

Split    Milestone    Rolled Up Task    Rolled Up Milestone    External Tasks    External Milestone

PROJECT PROGRESS MEETING No. 10 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, August 8, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 8 on 07/24/18. At Progress Meeting No. 9, M. Rose stated that he had not yet reviewed the minutes. He has since reviewed the minutes and has no comments. URS distributed the minutes from Progress Meeting No. 9 on 08/07/18. M. Rose stated that he and M. Alliegro have reviewed the minutes and have no comments. The minutes from Progress Meeting Nos. 8 and 9 are now closed.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac addressed grading issues in the South Lawn Area, reconstructed planter boxes, backfilled planter boxes and islands, placed topsoil in the South Lawn Area, surveyed the northeastern and southeastern corners of the South Lawn Area, and surveyed the backfill that had been placed in the islands.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on rebuilding planter boxes, backfilling planter boxes, loading out planter box soils for offsite disposal, surveying the South Lawn Area Topsoil, installing the South Lawn Area Irrigation System, topsoiling and mulching the planter boxes, installing silt fencing in the North Lawn Area, and clearing and grubbing the North Lawn Area.*

*M. Rose stated that EnviroTrac plans on beginning the North Lawn Area excavation on 08/21/18. He stated that his contact at Clean Earth, Karen Vivo Hartley, informed him that the PCB excavation does not need to be completed first.*

*M. Rose also stated that he would like to mobilize a separate crew to complete the PCB excavation concurrently with the remainder of the North Lawn Area excavation. The separate crew would use dedicated equipment to complete the PCB excavation.*

## **5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 08/07/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule on 08/03/18. M. Rose stated that he thinks that he has addressed URS' comments in the schedule. K. Jackson stated that the Substantial Completion Walkthrough Date on the latest schedule has been moved back to 11/02/18.*

*M. Haggerty asked EnviroTrac if the 10-day duration to install the plants was accurate. M. Rose responded that the duration was accurate. M. Rose stated that he anticipates productivity will increase during the planting period with better weather onsite.*

*URS will log-in the latest schedule and formally review.*

## **6. Submittals**

**Submittal Log Attached (Attachment A)**

*On 07/31/18, EnviroTrac submitted a backfill survey and calculation for the South Lawn Area for backfilling completed by their surveyor, LKMA, through 07/24/18. URS approved the calculation on 08/01/18. LKMA made a revision to the initial calculation and EnviroTrac resubmitted the calculation on 08/03/18. The calculated backfill volume increased from 1,267 cubic yards to 1,345 cubic yards. URS will review and approve the revised calculation.*

*On 07/31/18, Envirotrac submitted a planter box excavation volume calculation completed by LKMA. K. Jackson stated that the volumes are acceptable, but EnviroTrac still needs to submit the bottom topographic survey for a few planter boxes. The survey was completed in the field on 07/19/18. EnviroTrac will submit the survey.*

*EnviroTrac submitted their Vegetative Soil and Turf Work Plan on 07/27/18. URS returned the submittal "Resubmit with Revisions" on 08/02/18. URS did not take exception to EnviroTrac's proposed installation methods, but the required seed and sod certifications were missing from the Submittal. EnviroTrac will resubmit the Plan.*

*EnviroTrac submitted the revised North Lawn Area Pre-Construction Topographic Survey and South Lawn Area Post-Excavation Topographic Survey on 08/03/18. URS will return the survey "Resubmit with Revisions". Some of the Geoprobe® sample locations are mislabeled and the layer showing the elevation at the electrical box near Capstan Court is turned off.*

*EnviroTrac has submitted Weekly Vibration Monitoring Reports through 06/29/18,*

*Weekly Settlement Monitoring Reports through 06/06/18, and Weekly Crack Monitoring Reports through 05/31/18. K. Jackson has reviewed the reports and they will be approved. EnviroTrac has to submit Weekly Vibration Monitoring Reports for July, and Weekly Crack and Settlement Monitoring Reports for June and July. M. Rose stated that he has had difficulty in the past obtaining deliverables from Vanguard. M. Alliegro stated that Vanguard's field staff has always openly communicated with site parties and would have let EnviroTrac know if they observed any issues during vibration, settlement, and crack monitoring. URS will approve the Reports that have been submitted. EnviroTrac will submit the outstanding Reports.*

*K. Jackson stated that he has reviewed the Pre-Construction Survey Report completed by Vanguard and it is acceptable. Vanguard prepared a very comprehensive report with approximately 4,000 detailed photos.*

*K. Jackson stated that Preferred Environmental Services has submitted the monthly raw community air monitoring data for July. URS will review the submittal and comment as necessary.*

*K. Jackson previously provided EnviroTrac with the dates of the missing Liotta tickets for C&D debris disposal. EnviroTrac will provide the missing tickets.*

*EnviroTrac stated that LKMA is onsite today and they will survey the backfill that has been placed in the reconstructed planter boxes.*

*EnviroTrac submitted a layout sketch of the South Lawn Area Irrigation System on 08/03/18. URS returned the submittal "Resubmit with Revisions" on 08/07/18. Comments included identifying anticipated flows for the system and the pressure onsite. URS requested that their comments be addressed as quickly as possible.*

**7. RFIs/Field Orders**

**RFI and Field Order Logs Attached (Attachment A)**

*EnviroTrac submitted RFI No. 7 on 08/06/18 with a request for alternative plantings to the Japanese Barberry and Pinus Muricata. EnviroTrac has been advised that the Japanese Barberry is an invasive species and that the Pinus Muricata will not survive the weather conditions at the site. K. Jackson stated that URS' landscape architects have informed him that they will have a response prepared today.*

*URS issued Field Order No. 16 to EnviroTrac on 07/26/18, direction to collect additional samples in the North Lawn Area, per the request of Clean Earth of Carteret. Some of the samples were collected after Progress Meeting No. 9 and the remaining samples were collected on 08/07/18.*

*URS issued Field Order No. 17 to EnviroTrac on 08/02/18, direction to install accent course on the Cove and Capstan Court planter boxes that had it originally. Condo 3 Property Manager Rex White informed M. Haggerty that he would like the one-half course installed for the accent on each box. EnviroTrac will install all of the accent courses at once in order to make it easier to keep track of the time required to complete the installation.*

- 8. Field Clarification Memos**  
FCM Log Attached (Attachment A)  
None
- 9. Disputes/Claims**  
None
- 10. Proposed Change Orders**  
PCO Log Attached (Attachment A)

*EnviroTrac resubmitted PCO No. 1 on 07/12/18, which included additional costs for the South Lawn Area Subgrade Alterations. EnviroTrac has not yet submitted LKMA's invoice for the \$7,400 cost for 2 days of surveying and associated office time included in the PCO. EnviroTrac will request the invoice from LKMA.*

*EnviroTrac resubmitted PCO No. 4 on 07/27/18, which included additional costs associated with the Yard Drain modifications. At Progress Meeting No. 9, URS and EnviroTrac agreed to split the labor cost included in the 07/12/18 version of the PCO. URS approved the PCO on 08/02/18. The final value of PCO No. 4 is \$5,857.79.*

*Meeting parties agreed to place PCO No. 7, which included costs associated with the transportation and disposal of the planter box soils to Clean Earth of Carteret, on hold.*

*An extensive discussion was held regarding PCO No. 9, which included costs for the excavation of the PCB Area in the North Lawn. URS stated that the transportation and disposal of the soil should be included in the PCO. URS also directed EnviroTrac to include the request for the 7-calendar day extension to the Contract Time in the PCO. The extension to the Contract Time will also include costs for Site Facilities and Services, Health and Safety, Community Air Monitoring, and Vibration and Structure Monitoring at the daily rates included in the approved Bid Breakdown.*

*M. Rose stated that he plans on sub-subcontracting the decontamination operation to a company similar to AARCO. He also clarified that the "Deliveries" listed in the PCO is the delivery of a second excavator to complete the excavation. He stated that the "Foreman" listed in the PCO was a dedicated foreman at the PCB excavation.*

*M. Rose stated that the reason that he omitted the transportation and disposal cost from this PCO was because the direction to excavate the PCB Area and the direction to find transportation and disposal pricing for the PCB soil came in two separate Field Orders. He also separated the costs because EnviroTrac would like to negotiate a lump sum price for the excavation and sub-subcontract the work, so that he could excavate the PCB Area and the remainder of the North Lawn Area simultaneously. URS and the Department reminded EnviroTrac that the Contract must be complied with when preparing PCOs. C. Dusel stated that URS will work with EnviroTrac in the preparation of this PCO. EnviroTrac will resubmit PCO No. 9. M. Haggerty will also discuss PCO No. 9 internally at the Department.*

*EnviroTrac submitted PCO No. 8 on 08/01/18, which included additional costs for the installation of the Western Yard Drain in the South Lawn Area. URS will approve the PCO. The final value of PCO No. 8 is \$651.03.*

**11. Payment Applications**

*K. Jackson stated that EnviroTrac submitted CAP No. 5 on 08/03/18 for \$192,084.99. URS will approve CAP No. 5. C. Dusel directed EnviroTrac to submit CAP No. 5 through AGIS.*

**12. WBE/MBE Utilization**

*M. Rose stated that EnviroTrac is considering a WBE/MBE sub-subcontractor for the completion of the PCB TSCA Area excavation.*

**13. Health and Safety**

*K. Jackson stated that M. Rose has identified what he thinks to be Wild Parsnip in the northern end of the North Lawn Area. Site parties have been advised to be aware of its presence.*

*K. Jackson stated that the high temperatures onsite have brought out numerous insects. Site parties have been advised.*

*K. Jackson stated that site temperatures have consistently been in the 90s over the last week. Temperatures are not expected to decrease any time soon. Site parties were reminded to stay hydrated and be mindful of heat stress.*

**14. Open Discussion**

- K. Jackson stated that the estimated 8 cubic yards of material from planter box COV 20 and 4 cubic yards of material from planter box CAP 6 will not be accepted at either Clean Earth Bethlehem or Clean Earth of Carteret. The CAP 6 soils had a historical benzo(a)pyrene detection of 51 ppm and the COV 20 soils had a historical lead detection of 1,310 ppm. M. Rose will investigate disposal facilities for the material.*
- Meeting parties held a general discussion about the South Lawn Area Irrigation System. EnviroTrac did not anticipate that making any necessary adjustments to the sprinkler heads would be a problem after installation.*
- EnviroTrac's Clean Earth contact, Karen Vivo Hartley, has recommended that delineation areas be identified and excavated around sample locations SS-06, SS-11, and Geoprobe ® location 13. K. Jackson will prepare a table of these areas with the approximate volume for disposal. Clean Earth informed URS that Bethlehem has a self-imposed limit of 2 ppm for PCBs. K. Hartley informed M. Rose that once the complete analytical package is submitted by Clean Earth to the PADEP for approval to Clean Earth Bethlehem, the 10-business day review period will begin. She also informed M. Rose that Clean Earth of Carteret would*



**College Point 3 Interim Remedial Measure  
Project Progress Meeting 10  
Page 6**

*incrementally approve the excavation areas in the North Lawn. Clean Earth Bethlehem will not incrementally approve the areas. K. Hartley also stated that she would like to keep a 10 ft. buffer outside of the PCB Area while the remainder of North Lawn Area excavation is completed, if the PCB Area is not excavated first.*

- *EnviroTrac stated that North Lawn Area clearing will begin today or tomorrow 08/09/18.*
- *URS' tax department has provided additional feedback on EnviroTrac's Tax Exemption Form Request. They stated that the Department must first complete form ST-119.1- Exempt Organization, Exempt Purchase Certificate, before URS can complete forms ST-120.1 - Contractor Exempt Purchase Certificate and ST-124 – Certificate of Capital Improvement. URS will continue to pursue the matter. M. Haggerty will discuss form ST-119.1 internally at the Department.*
- *URS contacted their NYCDOB Permit consultant, Daniel Ashe at Walter T. Gorman Engineering, and he informed them that the plumbing permit for the Eastern Yard Drain in the South Lawn Area must be pulled in order to closeout the project. EnviroTrac will contact D. Ashe as necessary.*
- *EnviroTrac stated that planter box reconstruction has progressed to Capstan Court.*
- *EnviroTrac has been in contact with their sod placement sub-subcontractor. He instructed them to contact him once the South Lawn Area Irrigation System has been installed.*
- *K. Jackson has received 8 responses to date regarding the Yard Restoration. The responses have been 50% requesting pre-excavation condition and 50% requesting sod only. EnviroTrac asked if there was a particular pattern in which the plantings would be installed in each of the Yards. R. West responded that per Contract Drawing C-011, Note 1, the property owner will direct EnviroTrac where to install the plantings in each Yard Area.*
- *K. Jackson asked EnviroTrac if they would have adequate staffing moving forward to complete site work. Some of EnviroTrac's personnel has taken vacation time over the last two weeks. M. Rose responded that EnviroTrac's vacation schedule is nearly complete and the site will be adequately staffed.*
- *K. Jackson asked EnviroTrac to confirm that they understood that per the Contract, they are required to survey the South Lawn Area topsoil, the South Lawn Area sod, and complete a final survey of the South Lawn Area once the fencing has been reinstalled. EnviroTrac responded that they understood this. M. Alliegro did relay a suggestion from the surveyor that the topsoil be surveyed and not the sod. R. West responded that he would prefer the sod survey, if a choice were to be made between the topsoil and sod surveys. LKMA is onsite surveying the topsoil today. M. Rose responded that per the Contract, EnviroTrac would survey the*

*topsoil, sod, and complete a final South Lawn Area survey once the fence is installed.*

- *K. Jackson suggested that the topsoil not be surveyed in the planter boxes and islands. The areas of those items have already been surveyed. Meeting parties agreed that the planter box topsoil did not require a survey. K. Jackson stated that EnviroTrac can topsoil planter boxes and islands as soon as possible.*
- *M. Alliegro stated that NYSDEC monitoring well DEC-26 is missing. He thinks that it was lost during the South Lawn Area excavation. M. Haggerty will investigate whether or not the well is still required.*
- *Meeting parties briefly discussed the restoration of the wellheads in the South Lawn Area. M. Haggerty stated that a 2 ft. x 2 ft. concrete collar may not be desirable, but he will discuss the matter internally.*
- *K. Jackson asked EnviroTrac if they found a fence restoration sub-subcontractor who will pay the prevailing wage required for the South Lawn Area. M. Rose responded that they J. Szymanski had found one. Meeting parties agreed that the 6 ft. tall vinyl fence would be re-used and the 3 ft. tall split-rail vinyl fence would be replaced with new fence. M. Alliegro stated that the original fence posts were set in concrete. EnviroTrac stated that fence restoration will be completed after sod placement.*
- *K. Jackson stated that Vanguard will have to relocate some of the vibration monitors to the North Lawn Area in preparation for the North Lawn Area excavation.*
- *K. Jackson stated that there has been erosion observed in the clean fill in the Riviera Court planter boxes. EnviroTrac stated that they will adjust the gutter downspouts and dress up the grading in the planter boxes.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Submit Vegetative Soil and Turf Work Plan. – Completed*
  - *Submit Planter Box and Island Backfill Calculations.*
  - *Collect additional North Lawn Area Samples – Completed*
  - *Finalize PCB soil disposal quotation. – Partially Completed*
  - *Prepare a brief Plan describing the North Lawn Area PCB excavation, transportation, and disposal.*
  - *Submit Category B analytical report for South Lawn Area Documentation Samples.*
  - *Submit PCO for the western yard drain. – Completed*
  - *Submit PCO for the North Lawn Area PCB excavation. – Completed*
  - *Submit LKMA invoices.*
  - *Provide a sketch of the South Lawn Area irrigation system. – Completed*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 10  
Page 8**

- **URS**
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Review Planter Box and Island excavation volume calculation. – **Completed***
  - *Review Partial South Lawn Area Backfill Topographic Survey. – **Completed***
  - *Issue Field Order for additional North Lawn Area sampling. – **Completed***
  - *Issue revised response to PCO No. 4. – **Completed***
  - *Follow-up with tax department on Tax Exemption Form.*
  - *Send Yard Restoration Letter to South Lawn Area Condo 3 residents. – **Completed***
  - *Install Drop Box onsite. – **Completed***
  - *Call Clean Earth Bethlehem regarding Planter Box Soils approval.- **Completed***
  
- **NYSDEC**
  - *Discuss the stockpiling of TSCA wastes internally. – **Completed***
  - *Discuss the Subcontractor Markup in PCO No. 7 internally. – **Completed***
  - *Talk to Rex White regarding accents on reconstructed planter boxes. – **Completed***

**Current Action Items**

- **EnviroTrac**
  - *Submit topographic survey completed on 07/19/18.*
  - *Revise and resubmit the Vegetative Soil and Turf Work Plan.*
  - *Submit outstanding Weekly Vibration, Settlement, and Crack Monitoring Reports.*
  - *Submit missing Liotta tickets.*
  - *Submit LKMA invoice.*
  - *Resubmit PCO No. 9.*
  - *Submit CAP No. 5 in AGIS.*
  - *Contact D. Ashe Re: NYCDOB Plumbing Permit.*
  - *Address Riviera Court Planter Box Erosion.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Approve revised South Lawn Area Backfill Survey and Calculation.*
  - *Return North Lawn Area Pre-Construction Topographic Survey.*
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports.*
  - *Approve Pre-Construction Survey Report*
  - *Review Monthly Raw Community Air Monitoring Data for July.*
  - *Respond to RFI No. 7.*
  - *Approve CAP No. 5.*
  - *Prepare a table of the North Lawn Delineation Areas and Associated Volumes for Disposal.*
  
- **NYSDEC**
  - *Discuss PCO No. 9 internally.*
  - *Discuss Form 119.1 internally.*
  - *Investigate whether or not monitoring well DEC-26 is still required.*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 10  
Page 9**

- *Discuss wellhead restoration internally.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 11 was scheduled for Wednesday, August 22, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:42 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 10 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, August 8, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

**4. Project Schedule**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 10 Agenda  
Page 2**

**5. Submittals**

- **Submittal Log Attached**
  
- **South Lawn Area Backfill Survey**
  
- **Planter Box Volume Survey**
  
- **Vegetative Soil and Turf Work Plan**
  
- **North Lawn Pre-Construction Topography/South Lawn Post-Excavation Topo**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 10 Agenda  
Page 3**

- **Weekly Vibration, Crack, and Settlement Monitoring Reports**
- **Pre-Construction Survey Report**
- **Monthly Raw Community Air Monitoring Data**
- **Sod/Seed Certifications**
- **Missing Liotta Tickets**



- **Planter Box Backfill Topography**

**6. RFI/Field Orders**

- **RFI and Field Order Logs Attached**
- **RFI No. 7 - Japanese Barberry – Invasive; Pinus Muricata – Won't Survive the Zone**

- **Field Order No. 16 – Additional North Lawn Sampling**

- **Field Order No. 17 – Additional Planter Box Courses**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**

- **PCO-4 – Yard Drain Modifications**

- **PCO 7 – Planter Box Soil Transportation and Disposal**

- **PCO 9 – PCB Soils Excavation**

- **PCO 8 - Western Yard Drain**

- 10. Payment Applications**
  - **Payment Application No. 5**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Wild Parsnip**

- **Insect Bites**

- **Heat Stress**

**13. Open Discussion**

- **Planter Box Soils Approval/CAP-6 (BaP 51 mg/kg), COV 20 (Total Lead 1310 mg/kg)**
  
  
  
  
  
  
  
  
  
  
- **Island COV 6A and 20A Additional Courses**
  
  
  
  
  
  
  
  
  
  
- **North Lawn Area Further Delineation/SS-06, SS-11, Geoprobe ® 13**
  
  
  
  
  
  
  
  
  
  
- **North Lawn Area Clearing**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 10 Agenda  
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- **Tax Exemption Form**
- **NYCDOB Permit**
- **PCB Soil Transportation and Disposal**
- **Planter Box Reconstruction**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 10 Agenda  
Page 10**

- **Sod Placement**

- **Yard Plantings**

- **Staffing**

- **Topsoil/Sod/Final Survey**

- **Wellhead Restoration**





- **Riviera Court Planter Box Erosion**

#### 14. Action Items

Previous Action Items:

*EnviroTrac*

- *Submit Vegetative Soil and Turf Work Plan. - **Completed***
- *Submit Planter Box and Island Backfill Calculations.*
- *Collect additional North Lawn Area Samples – **Partially Completed***
- *Finalize PCB soil disposal quotations. – **Partially Completed***
- *Prepare a brief Plan describing the North Lawn Area PCB excavation, transportation, and disposal.*
- *Submit Category B analytical report for South Lawn Area Documentation Samples.*
- *Submit PCO for the western yard drain. - **Completed***
- *Submit PCO for the North Lawn Area PCB excavation.*
- *Submit LKMA invoices. - **Completed***
- *Provide a sketch of the South Lawn Area irrigation system.- **Completed***

*URS*

- *Provide comments on Project Progress Schedule. - **Completed***
- *Review Planter Box and Island excavation volume calculation. - **Completed***
- *Review Partial South Lawn Area Backfill Topographic Survey. - **Completed***
- *Issue Field Order for additional North Lawn Area sampling. - **Completed***
- *Issue revised response to PCO No. 4. - **Completed***
- *Follow-up with tax department on Tax Exemption Form. - **Completed***
- *Send Yard Restoration Letter to South Lawn Area Condo 3 residents. - **Completed***
- *Install Drop Box onsite. - **Completed***
- *Call Clean Earth Bethlehem regarding Planter Box Soils approval. - **Completed***

*NYSDEC*

- *Discuss the stockpiling of TSCA wastes internally. - **Completed***
- *Discuss the Subcontractor Markup in PCO No. 7 internally. - **Completed***
- *Talk to Rex White regarding accents on reconstructed planter boxes. - **Completed***

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 10 Agenda  
Page 13**

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: August 7, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: August 7, 2018 (3:21PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</b></p>			
17	08/02/18	<p><b>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</b></p>			

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: August 7, 2018 (3:22PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10			\$19,041.00	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18		Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79		08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area		Approved on 07/19/18	Y,Y			07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey			Y,Y					0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area			Y,Y				\$651.03	0 day



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: August 7, 2018 (3:23PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: August 7, 2018 (3:23PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.



Updated: August 7, 2018 (3:23PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.			

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
					a	3/8/2018	R. West	3/12/2018	Approved	
					b	4/17/2018	K. Jackson			
					c	4/27/2018	K. Jackson			
					d	5/9/2018	K. Jackson			
					e	5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions	
					f	6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions	
					g	6/22/2018	K. Jackson			
					h	7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions	
					i	7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions	
		j	8/7/2018	K. Jackson						
		01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>	
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
4/13/2018	K. Jackson				5/1/2018		<i>Not Subject to Review</i>			
	b		4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>			
01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018							
01051-4	a	North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions				
			7/10/2018	K. Jackson	7/23/2018	Approved as Noted				
	b		8/3/2018	K. Jackson	8/8/2018	Resubmit with Revisions				
01051-5		South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved				
01051-6		South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions				
01051-7	a	Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions				
			7/13/2018	K. Jackson						
			7/31/2018	K. Jackson						
01051-8		South Lawn Backfill Survey through July 19, 2018	7/23/2018	K. Jackson	7/30/2018	Approved				
01051-9	a	South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved				
			8/3/2018	K. Jackson	8/8/2018	Approved				
01051-10		Survey Instrument Certifications								
01051-11		Permanent Survey Control Monuments								
01051-12		Record Survey Drawings								
01051-13		Survey Field Notes and Records								
01051-14+		Survey Data and Maps for On-Site Work								
01051-15+		Sample Location Data								
01066	Decontamination Station	01066-1	a	Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
					5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
					2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
					3/2/2018	K. Jackson	3/5/2018	Approved		
		01300-2	a	RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
					3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions		
					3/8/2018	K. Jackson	3/12/2018	Approved		
					3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2+		Analytical Results					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	8/8/2018	Approved as Noted	
		01730-3		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-4		Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7		Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-8		Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-9		Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-10		Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	8/8/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	8/8/2018	Approved	
01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	8/8/2018	Approved			
01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	8/8/2018	Approved			
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	8/8/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	8/8/2018	Approved	
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	8/8/2018	Approved	
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	8/8/2018	Approved	
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/19	7/12/2018	K. Jackson	8/8/2018	Approved	
		01730-38		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	8/8/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson			
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	8/8/2018	Approved	
		02300-6		Sample Location Sketch					
		02300-7		Final Grading Plan					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
		02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions			
	a		6/5/2018	K. Jackson	6/8/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
02508	Community Air Monitoring Program	02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved			
		02508-7	a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions			
		02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/19/2018	K. Jackson	6/21/2018	Approved			
		02508-9		Raw Monitoring Data - April and May 2018	6/18/2018	K. Jackson	6/21/2018	Approved			
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/14/2018	K. Jackson	8/8/2018	Approved			
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	6/25/2018	K. Jackson	6/29/2018	Approved			
		02508-12		Raw Monitoring Data - June 2018	7/2/2018	K. Jackson	7/5/2018	Approved			
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	8/8/2018	Approved			
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/9/2018	K. Jackson	7/13/2018	Approved			
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/16/2018	K. Jackson	7/20/2018	Approved			
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/23/2018	K. Jackson	7/27/2018	Approved			
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	7/30/2018	K. Jackson	8/2/2018	Approved			
		02508-18		Raw Monitoring Data - July 2018	8/6/2018	K. Jackson	8/8/2018	Approved			
		02700	Planting	02700-1		List of Plant Materials and Sources	8/7/2018	K. Jackson			
		02700-2			Plant Product Inspection Data						
		02734		Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions
		02734-2			Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved		
		02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
02920	Seed, Sod, and Mulch	02920-1			Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions		
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions			
			a	Bid Breakdown/Schedule of Values	3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions			
			b		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions			
			c		4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions			
			d		6/7/2018	K. Jackson	6/20/2018	Approved as Noted			
					Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
					4/19/2018	K. Jackson					
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions			
					3/19/2018	K. Jackson	4/2/2018	Approved			
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions			
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved			
			Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions				
				6/26/2018	K. Jackson	6/26/2018	Approved				
			Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions				

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
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 SHR - Shirley Express  
 DRV - DRV Express

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LIO - Liotta Brothers Recycling Corp  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	N	N					
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	N	N					
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	N	N					
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	N	N					
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	N	N					
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH							
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No.2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Transporter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N					

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

College Point 3 IRM  
 Contract No. D007622-42  
 Site No. 241122

Two Week Looks  
 7/23 thru 8/17

Look Back

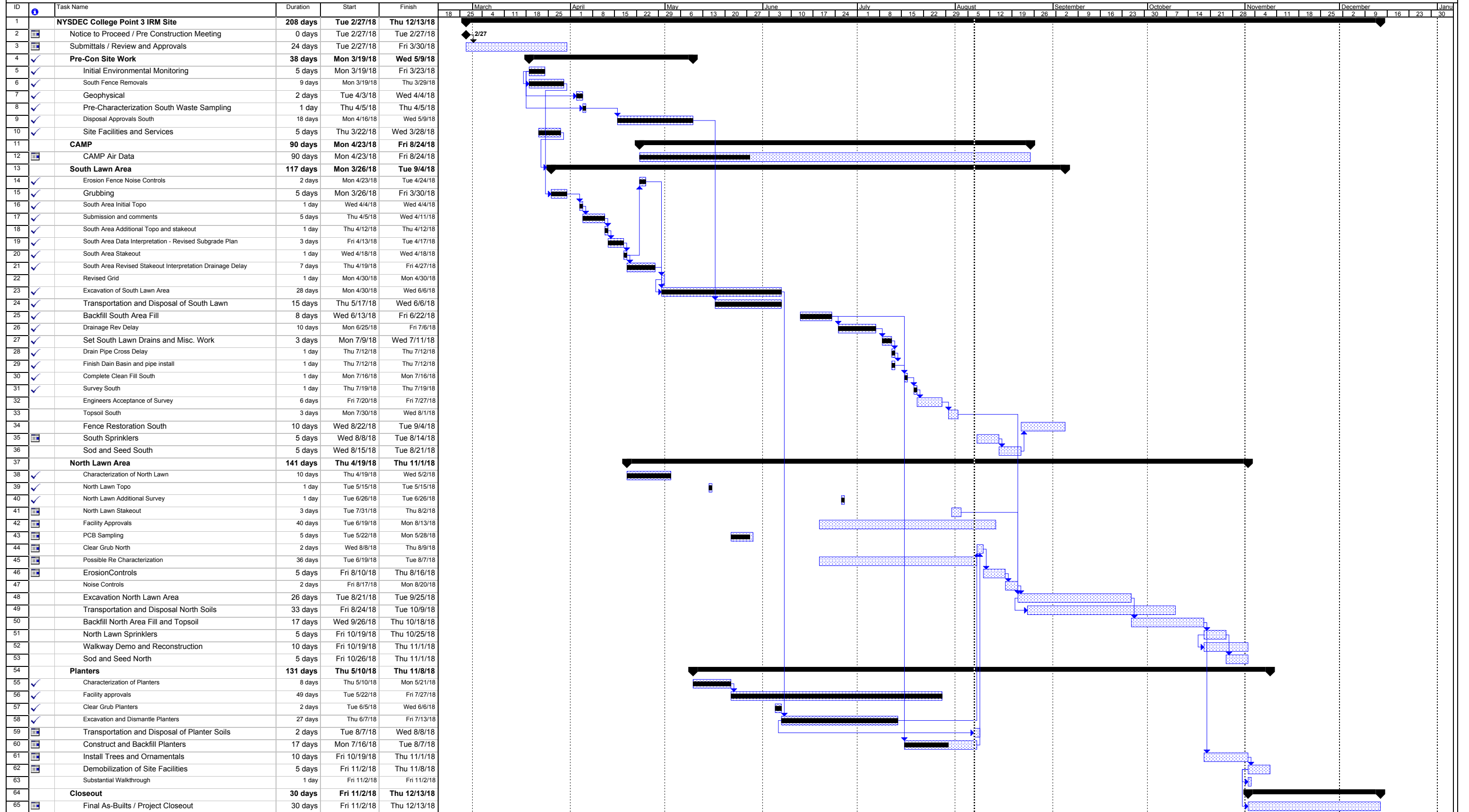
Date	23-Jul	24-Jul	25-Jul	26-Jul	27-Jul	28-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 9			X								
Address South Grade	X										
Backfill Planters		X									
Rebuild Planter Boxes		X	X	X	X					X	X
Topsoil South Lawn							X	X	X		
Survey South alleys and planters		X									

Look Ahead

Date	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 10			X								
Backfill Planter Boxes	X										
Load Out Planter Soils		X	X	X							
Rebuild Planter Boxes	X	X	X	X	X						
Rebuild Planter Boxes		X	X	X	X						
Survey Topsoil South			X								
Install Sprinkler South			X	X	X		X	X			
Topsoil Mulch Planter				X	X					X	X
Silt Fence, Grub and Clear North							X	X	X	X	X

**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3    Date: Tue 8/7/18

Task    Progress    Summary    Rolled Up Split    Rolled Up Progress    Project Summary    Deadline  
Split    Milestone    Rolled Up Task    Rolled Up Milestone    External Tasks    External Milestone

PROJECT PROGRESS MEETING No. 11 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, August 22, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 10 on 08/21/18. M. Rose stated that he had not had a chance to review the minutes prior to today's meeting. The minutes from Progress Meeting No. 10 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac backfilled planter boxes and islands, loaded out planter box and island soils for disposal, rebuilt planter boxes, surveyed the South Lawn Area topsoil, installed the South Lawn Area Irrigation System, placed topsoil in the planter boxes and islands, installed silt fencing in the North Lawn Area, and cleared and grubbed the North Lawn Area.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on raking the South Lawn Area topsoil, installing the temporary chain-link fencing and noise barriers in the North Lawn Area, excavating the Delineation Areas in the North Lawn Area, backfilling the Riviera Court Planter Boxes and Islands, collecting a waste characterization sample from the Delineation Area soils, finish staking out the North Lawn Area, build the decontamination pads in the North Lawn Area, perform the PCB Soils Excavation, dispose of the PCB soils, and begin the excavation of the remaining soils in the North Lawn Area.*

*M. Haggerty stated that he has a commitment next Tuesday 08/28/18, but would like to see the excavation of the PCB Soils take place. M. Rose stated that EnviroTrac will begin the excavation of the PCB soils on Wednesday 08/29/18 to accommodate M. Haggerty's schedule.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 08/21/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule on 08/17/18. The Substantial Completion Date on the latest schedule is Tuesday 11/06/18. The Substantial Completion Date on the previous schedule was Friday 11/02/18. URS will review the latest Project Progress Schedule and provide comments. M. Rose stated that EnviroTrac will work diligently to keep their Substantial Completion Date.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*EnviroTrac submitted their Vegetative Soil and Turf Work Plan on 07/27/18. URS returned the submittal "Resubmit with Revisions" on 08/02/18. EnviroTrac submitted the sod certification on 08/17/18 and the sod seed certification on 08/20/18. The sod certification was submitted without analytical data. EnviroTrac sampled the sod on 08/21/18 at the Department's request. EnviroTrac anticipates receiving the analytical data on Friday 08/24/18. URS will review and respond to the sod seed certification submittal. K. Jackson stated that EnviroTrac must also submit the certification for the seed that will be placed on the Cove and Capstan Court Islands. EnviroTrac will provide the submittal. M. Haggerty stated that the Department will make a decision within one day if the analytical results show that the sod is contaminated.*

*EnviroTrac submitted planter box and island backfill volumes on 08/13/18, so that they can invoice for the volumes. The volumes are representative of surveys completed from the bottom of the excavation to the top of backfill. URS will review and comment on the submittal.*

*K. Jackson stated that EnviroTrac has submitted the missing Liotta Brothers Recycling Weight Tickets for C&D debris disposal in May and June 2018. K. Jackson stated that EnviroTrac has to submit the missing weight ticket from July 25, 2018. EnviroTrac will submit the missing ticket.*

*EnviroTrac submitted the survey of the South Lawn Area topsoil on 08/15/18. K. Jackson stated that the topsoil elevations from the southeastern corner of the South Lawn Area were missing from the survey. EnviroTrac's surveyor, LKMA, did shoot the elevations during their site visit on 08/21/18. M. Rose acknowledged that the elevations from the southeastern corner were missing. URS will return the submittal "Resubmit with Revisions" with a request to include the missing elevations.*

*EnviroTrac has brought the weekly vibration, crack, and settlement monitoring reports up to date over the last two weeks. URS will review and provide comments on the latest set of reports and return approvals to EnviroTrac for the previous set.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*EnviroTrac submitted RFI No. 7 on 08/06/18 with a request for alternative plantings to the Japanese Barberry and Pinus Muricata. EnviroTrac has been advised that the Japanese Barberry is an invasive species and that the Pinus Muricata will not survive the weather conditions at the site. URS responded to the RFI on 08/09/18. The Japanese Barberry will be replaced with the Aronia melanocarpa - Black Chokeberry. The Pinus Muricata was actually specified to be protected during construction, not specified as a planting.*

*Field Order No. 18 was issued to EnviroTrac on 08/17/18, providing direction to remove the tree that is shown in the center of the North Lawn Area in Contract Drawing C-005A that is specified to be protected. URS received permission from former Villas Condo President Clinton Haynes prior to issuing the Field Order. The tree was removed on 08/17/18. Meeting parties agreed that this was a positive development for the project.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)  
None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*EnviroTrac resubmitted PCO No. 1 on 07/12/18, which included additional costs for the South Lawn Area Subgrade Alterations. EnviroTrac submitted LKMA's invoice on 07/27/18 for the \$7,400 cost for 2 days of surveying and associated office time included in the PCO. URS approved the PCO on 08/17/18, but did state today that LKMA's costs seemed high.*

*EnviroTrac resubmitted PCO No. 9 on 08/17/18, which included costs for the excavation of the PCB Area in the North Lawn and a 7-calendar day extension to the Contract Time. URS has reviewed the PCO and their 08/17/18 comments have been incorporated. M. Haggerty stated that he has spoken with G. Burke and the Department does not take exception to approving PCO No. 9 as a lump sum cost. URS will approve PCO No. 9.*

*EnviroTrac submitted PCO No. 10 on 08/17/18, which included costs for the additional North Lawn Area sampling. URS will review the PCO after today's meeting. K. Jackson stated that EnviroTrac must include the cost for extracting and holding the samples collected around location SS-11 that were not originally analyzed. M. Rose stated that he received correspondence from ChemTech stating that the hold time on an extracted PCB sample was 35 to 42 days. He also stated that*



*ChemTech charges \$35.00 per sample for extracting and holding a sample without analyzing it. They also charge \$10.00 per sample for disposing of unanalyzed samples. M. Haggerty asked EnviroTrac to confirm the hold time of the samples.*

*URS stated that the PCO for the transportation and disposal of the soils from the PCB Excavation will be PCO No. 11.*

*URS stated that the PCO for sampling the sod will be PCO No. 12.*

*URS will rescind PCO No. 7, which included charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey.*

#### **11. Payment Applications**

*URS approved CAP No. 5 on 08/10/18. EnviroTrac is in the process of preparing CAP No. 6, which will include billing through August 2018.*

#### **12. WBE/MBE Utilization**

*M. Rose stated that EnviroTrac will use WBE Innovative Recycling Technologies to perform the decontamination during the loadout of the soils from the PCB excavation. C. Dusel stated that EnviroTrac will need to submit receipts/invoices from their MBE's and WBE's, so that URS can update their utilization plan and complete their quarterly reports.*

#### **13. Health and Safety**

*K. Jackson stated that site temperatures in the 90s are forecasted for next week. Site parties were reminded to stay hydrated and be mindful of heat stress.*

#### **14. Open Discussion**

- *M. Rose stated that Karen Vivo Hartley, EnviroTrac's contact at Clean Earth, informed him that the approval of the remaining North Lawn Area soils at Clean Earth, Carteret, New Jersey is close. URS stated that the Department would like the soils to be disposed of at Clean Earth, Bethlehem, Pennsylvania. The 10-day review period by the PADEP for the consideration of the remaining North Lawn Area soils for approval at Clean Earth Bethlehem began on Friday 08/17/18.*
- *M. Rose stated that he has received transportation and disposal pricing from Waste Management Grand Central Landfill in Pen Argyl, Pennsylvania. URS requested that M. Rose formalize and submit that quotation. M. Rose also stated that he shared the unit pricing for transportation and disposal of the PCB soils that he received from URS with his contact at Innovative Recycling Technologies. Innovative is revisiting their unit pricing, but they expressed to M. Rose that they did not think that the unit pricing provided by URS included the scenario where the waste is staged at Clean Earth of North Jersey. That could be a factor in the discrepancy in unit costs. M. Haggerty requested that EnviroTrac expedite their discussion with Innovative. A memo has to be prepared and presented to the*

*NYSDEC's Contracts Department once the quotations are finalized.*

- *EnviroTrac has completed the installation of the accent courses on the planter boxes on Cove Court and Capstan Court. The work took 3 days to complete and was completed on a time and materials basis. EnviroTrac will include the costs associated with the work in PCO No. 13.*
- *EnviroTrac began the North Lawn Area excavation today. They began at the western end of the North Lawn Area and are working their way eastward. Once they reach sample location SS-06, they will excavate the delineation area around SS-06, followed by the delineation areas around Geoprobe® location 13 and sample location SS-11. EnviroTrac currently has transportation and disposal unit pricing for the North Lawn Area soils from Clean Earth Carteret, Conestoga Landfill, and Waste Management Grand Central Landfill. M. Rose stated that he has also investigated Waste Management Bayshore Landfill. M. Haggerty stated that the Department will pay for the increase in transportation and disposal cost for the material excavated from the delineation areas, but he did emphasize that the analytical data from locations SS-06 and SS-11 was included in the Limited Site Data Document included with the Contract Documents and the disposal of material from those locations should have been reflected in EnviroTrac's bid.*
- *URS returned EnviroTrac's PCB Area Excavation Plan "Resubmit with Revisions" on 08/20/18. M. Rose stated that he understood URS' comments on the Plan. C. Dusel asked how EnviroTrac plans on compacting the backfill in the excavation from 5 ft. to 10 ft. below grade. M. Rose responded that EnviroTrac will compact the backfill with the excavator bucket. K. Jackson asked how the decontamination water would be collected in the decontamination pad. EnviroTrac responded that the pad will have a sump. Enviro Trac reported they will use a hose with ramps to get water to the decon area.*
- *URS has received the necessary feedback from their tax department to complete the tax exemption forms. URS and the Department will sign the forms after the meeting and provide them to EnviroTrac.*
- *M. Rose stated that Daniel Ashe at Walter T. Gorman Engineering never got back to him regarding the NYCDOB Permit. EnviroTrac will work with Pacific Lawn Sprinklers, their Irrigation System Sub-Subcontractor, to obtain the Permit. EnviroTrac will continue to pursue the Permit.*
- *To date, 13 Condo 3 South Lawn Area residents have responded about the restoration of their yards. Seven residents have requested sod only and 6 residents have requested the pre-excavation plantings. There are 24 total Condo 3 South Lawn Area residents. K. Jackson will assist with knocking on doors to obtain the remaining 11 responses. M. Haggerty stated he would be willing to do the same. EnviroTrac has requested that the responses be received by 08/27/18 so that the plants can be ordered. K. Jackson will provide the responses.*
- *EnviroTrac stated that they plan on beginning the Cove Court, Capstan Court, and Riviera Court Plantings the week of 09/10/18. M. Haggerty and C. Dusel*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 11  
Page 6**

*requested that EnviroTrac hydroseed the Cove Court and Capstan Court Islands as soon as possible. The topsoil in the islands has begun to erode. K. Jackson reminded EnviroTrac that the seed certification for the Island seed still needs to be submitted. URS will expedite the review of the submittal once received. EnviroTrac will also place wattle dikes around the Islands.*

- *Rex White contacted K. Jackson and relayed a complaint from the Condo 3 President to him that she thinks that the road on Capstan Court is settling due to traffic related to the project. M. Alliegro and K. Jackson will review pre-construction video and photographs together to investigate the matter.*
- *M. Haggerty stated that the Department would prefer 12-inch Sonotubes ® for the restoration of the wellheads in the South Lawn Area. The Department and URS also informed EnviroTrac today that the Department does not intend to replace well DEC-26 at this time. The well was destroyed by EnviroTrac during the South Lawn Area excavation. The Department may use the cost of the replacement well, \$2,000.00 to \$4,000.00, during future PCO negotiations/horse trading.*
- *Site sewer work unrelated to the project was completed on Riviera Court over the last two weeks. The contractor who completed the work left significant loose soil and staining on Riviera Court near where the work was completed. M. Haggerty stated that he would call Michael Jennings and notify him that the staining left on the road was due to the unrelated work and not EnviroTrac.*
- *EnviroTrac stated that fence restoration will be completed after the sod is placed. The original posts of the 6 ft. tall fence were installed in concrete. EnviroTrac stated that their fence sub-subcontractor is a professional and the replacement posts will also be installed in concrete below the frost line. Meeting parties estimated the frost line at the site to be approximately 3 ft. to 3.5 ft. below grade.*
- *K. Jackson stated that Pacific Lawn Sprinkler owner Peter dropped off an as-built drawing of the South Lawn Area Irrigation System on 08/16/18. K. Jackson handed the drawing to M. Rose today. K. Jackson stated that Pacific must also submit cut sheets on the equipment installed for the Irrigation System. EnviroTrac will provide the cut sheets. M. Alliegro also stated that Pacific had to install a ball valve in the North Lawn Area, which will be used to isolate the South Lawn Irrigation System from the North Lawn Irrigation System. He stated that Pacific will issue a change order to EnviroTrac for the work. The ball valve took 1 to 1.5 hours to install. EnviroTrac will submit the change order from Pacific to URS for review.*
- *EnviroTrac stated that Rick Westby from Vanguard will be onsite on 08/23/18 to relocate four vibration monitors from the South Lawn Area to the North Lawn Area. M. Rose asked if the remaining vibration monitors in the South Lawn Area could be permanently removed. Meeting parties reviewed the Contract Documents. Per the Contract Documents, vibration monitoring is required to be performed continuously during each of the construction phases. URS and the Department will make a determination on the South Lawn Area vibration monitoring after the sod is placed.*

- *EnviroTrac will complete the re-stenciling of the relocated parking spaces on Riviera Court this week. Per the request of Riviera Court Presidents Clinton Haynes and Brian Freeman, the spaces will be labeled “VISITOR”, VISITOR”, and “PRESIDENT”.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Submit topographic survey completed on 07/19/18. – Completed*
  - *Revise and resubmit the Vegetative Soil and Turf Work Plan.*
  - *Submit outstanding Weekly Vibration, Settlement, and Crack Monitoring Reports. – Completed*
  - *Submit missing Liotta tickets. – Completed*
  - *Submit LKMA invoice. – Completed*
  - *Resubmit PCO No. 9. – Completed*
  - *Submit CAP No. 5 in AGIS. – Completed*
  - *Contact D. Ashe Re: NYCDOB Plumbing Permit. – Partially Completed*
  - *Address Riviera Court Planter Box Erosion. – Completed*
- *URS*
  - *Provide comments on Project Progress Schedule. – Completed*
  - *Approve revised South Lawn Area Backfill Survey and Calculation. – Completed*
  - *Return North Lawn Area Pre-Construction Topographic Survey. – Completed*
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports. – Completed*
  - *Approve Pre-Construction Survey Report – Completed*
  - *Review Monthly Raw Community Air Monitoring Data for July. – Completed*
  - *Respond to RFI No. 7. – Completed*
  - *Approve CAP No. 5. – Completed*
  - *Prepare a table of the North Lawn Delineation Areas and Associated Volumes for Disposal. – Completed*
- *NYSDEC*
  - *Discuss PCO No. 9 internally. – Completed*
  - *Discuss Form 119.1 internally. – Completed*
  - *Investigate whether or not monitoring well DEC-26 is still required. – Completed*
  - *Discuss wellhead restoration internally.- Completed*

### Current Action Items

- *EnviroTrac*
  - *Review the minutes from Project Progress Meeting No. 10.*
  - *Submit sod analytical data*

- *Submit certification for seed that will be placed in Cove and Capstan Court Islands.*
- *Submit Liotta Weight Ticket from July 25, 2018.*
- *Confirm hold time of extracted PCB samples with ChemTech.*
- *Submit PCO No. 11.*
- *Submit PCO No. 12.*
- *Submit quotation from Waste Management Grand Central Landfill.*
- *Review PCB soils transportation and disposal with Innovative Recycling Technologies.*
- *Continue to pursue NYCDOB Plumbing Permit.*
- *Hydroseed Cove Court and Capstan Court Islands.*
- *Submit cut sheets and change order from Pacific Lawn Sprinklers.*
- *Re-stencil relocated parking spaces on Riviera Court.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Review and provide comments on sod seed certification.*
  - *Return approvals on old vibration, settlement, and crack monitoring reports.*
  - *Review and comment on latest set of vibration, settlement, and crack monitoring reports.*
  - *Review and comment on the planter box and island backfill volume calculation.*
  - *Return South Lawn Area Topsoil Survey.*
  - *Approve PCO No. 9.*
  - *Review and respond to PCO No. 10.*
  - *Sign tax forms and provide to EnviroTrac.*
  - *Obtain responses on yard restorations from Condo 3 South Lawn Area residents and provide to EnviroTrac.*
  - *Investigate pre-construction video and photographs of Capstan Court to investigate claim from Condo 3 President.*
  - *Rescind PCO No. 7.*
  
- **NYSDEC**
  - *Notify M. Jennings that staining left on Riviera Court was not the work of EnviroTrac.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 12 was scheduled for Wednesday, September 5, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 11:48 am.*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 11  
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*ATTACHMENTS:*

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 11 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, August 22, 2018; 10:00 A.M.  
Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



**College Point 3 Interim Remedial Measure  
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**4. Project Schedule**

**5. Submittals**

- **Submittal Log Attached**

- **Vegetative Soil and Turf Work Plan**

- **Weekly Vibration, Crack, and Settlement Monitoring Reports**

- **Planter Box Backfill Volumes**

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- **Sod/Seed Certifications**

- **Missing Liotta Tickets**

- **Topsoil Survey**

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**6. RFI/Field Orders**

- **RFI and Field Order Logs Attached**
- **RFI No. 7 - Japanese Barberry – Invasive; Pinus Muricata – Won't Survive the Zone**

- **Field Order No. 18 – Removal of Tree in Middle of North Lawn Area**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO-1 – Subgrade Alterations**



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- 10. Payment Applications**
  - **Payment Application No. 6**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**

- **Heat Stress**

- 13. Open Discussion**

- **Carteret Approval**

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- **PADEP Review for Bethlehem**

- **Alternative Facilities**

- **Accent Courses**

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- **North Lawn Excavation**

- **PCB Area Excavation**

- **Tax Exemption Form**

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- **NYCDOB Permit**

- **Yard Plantings**

- **Cove Court/Capstan Court/Riviera Plantings**

- **Site Roads**





- **Riviera Court Stenciling**

#### 14. Action Items

##### Previous Action Items

- **EnviroTrac**
  - *Submit topographic survey completed on 07/19/18. – **Completed***
  - *Revise and resubmit the Vegetative Soil and Turf Work Plan.*
  - *Submit outstanding Weekly Vibration, Settlement, and Crack Monitoring Reports. – **Completed***
  - *Submit missing Liotta tickets. – **Completed***
  - *Submit LKMA invoice. – **Completed***
  - *Resubmit PCO No. 9. – **Completed***
  - *Submit CAP No. 5 in AGIS. – **Completed***
  - *Contact D. Ashe Re: NYCDOB Plumbing Permit. – **Partially Completed***
  - *Address Riviera Court Planter Box Erosion. – **Completed***
- **URS**
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Approve revised South Lawn Area Backfill Survey and Calculation. – **Completed***
  - *Return North Lawn Area Pre-Construction Topographic Survey. – **Completed***
  - *Approve Weekly Vibration, Settlement, and Crack Monitoring Reports. – **Completed***
  - *Approve Pre-Construction Survey Report – **Completed***
  - *Review Monthly Raw Community Air Monitoring Data for July. – **Completed***
  - *Respond to RFI No. 7. – **Completed***
  - *Approve CAP No. 5. – **Completed***
  - *Prepare a table of the North Lawn Delineation Areas and Associated Volumes for Disposal. – **Completed***
- **NYSDEC**
  - *Discuss PCO No. 9 internally.*
  - *Discuss Form 119.1 internally. – **Completed***
  - *Investigate whether or not monitoring well DEC-26 is still required.*
  - *Discuss wellhead restoration internally.*

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*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: August 21, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: August 21, 2018 (5:01PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the			



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</b></p>			
17	08/02/18	<p><b>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</b></p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p><b>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</b></p>	08/17/18	Tree removed.	

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: August 21, 2018 (5:02PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18		Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area		Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey			Y,Y					0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area		Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: August 21, 2018 (5:06PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that “Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings.” Additionally, per Notes 1 and 2 on Dwg. C-009, “Final grades shall match pre-existing grades at all features to be preserved...”, and “Final grades shall drain away from buildings.”</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>



Updated: August 21, 2018 (5:06PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: August 21, 2018 (5:06PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>	
		01035-2	Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3			Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
						3/8/2018	R. West	3/12/2018	Approved	
						4/17/2018	K. Jackson			
						4/27/2018	K. Jackson			
						5/9/2018	K. Jackson			
						5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions	
						6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions	
						6/22/2018	K. Jackson			
						7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions	
						7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions	
						8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions	
						8/21/2018	K. Jackson			
						01051-1			Proposed South Lawn Grid	4/3/2018
		01051-2	a		Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
						4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
			b			4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
		01051-3			South Lawn Area Excavation Check Through 05/15/18	5/22/2018				
		01051-4	a		North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
7/10/2018	K. Jackson					7/23/2018	Approved as Noted			
8/3/2018	K. Jackson					8/10/2018	Resubmit with Revisions			
8/9/2018	K. Jackson					8/10/2018	Resubmit with Revisions			
	b			8/10/2018	K. Jackson	8/10/2018	Approved			
01051-5			South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved			
01051-6			South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions			
01051-7	a		Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Rsubmit with Revisions			
				7/13/2018	K. Jackson					
	b			7/31/2018	K. Jackson	8/21/2018	Approved			
01051-8			South Lawn Backfill Survey through July 19, 2018	7/23/2018	K. Jackson	7/30/2018	Approved			
01051-9	a		South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved			
				8/3/2018	K. Jackson	8/21/2018	Approved			
01051-10			Planter Box Backfill Volumes	8/13/2018	K. Jackson					
01051-11			South Lawn Area Topsoil Survey through August 8, 2018	8/15/2018	K. Jackson					
01051-12			Survey Instrument Certifications							
01051-13			Permanent Survey Control Monuments							
01051-14			Record Survey Drawings							
01051-15			Survey Field Notes and Records							
01051-16+			Survey Data and Maps for On-Site Work							
01051-17+			Sample Location Data							
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
		01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
					2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01300	Submittals	01300-2	b	RFI Template	3/2/2018	K. Jackson	3/5/2018	Approved	
			a		2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
					3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	8/21/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	8/21/2018	Approved	

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01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	8/21/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	8/21/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	8/21/2018	Approved	
01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	8/21/2018	Approved			
01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	8/21/2018	Approved			
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	8/21/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	8/21/2018	Approved	
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	8/21/2018	Approved	
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	8/21/2018	Approved	
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	8/21/2018	Approved	
		01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson			
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson			
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson			
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson			
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson			
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson			
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson			
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson			
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson			
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson			
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson			
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson			
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson			
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson			
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson			
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson			
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson			
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson			
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson			
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson			
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson			
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson			
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson			
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson			
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson			
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson			
01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson					
01730-65		Final Results Report							
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	

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		02220-3		PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	8/21/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	8/21/2018		
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	8/21/2018	Approved	
		02300-6		Sample Location Sketch					
		02300-7		Final Grading Plan					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1	a	Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
					6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-7	a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
					6/19/2018	K. Jackson	6/21/2018	Approved	
		02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	8/21/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	8/21/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved			
02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved			
02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	8/21/2018				
02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved			
02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources					
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
					4/10/2018	M. Gutmann	4/12/2018	Approved	
		02734-2		Well Abandonment Records					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West			
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West			
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		a			3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
		b			4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
		c			4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
		d			6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
		a			3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
				Irrigation System As-Built Drawing	8/16/2018	D. Morehouse			



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N				1286863	

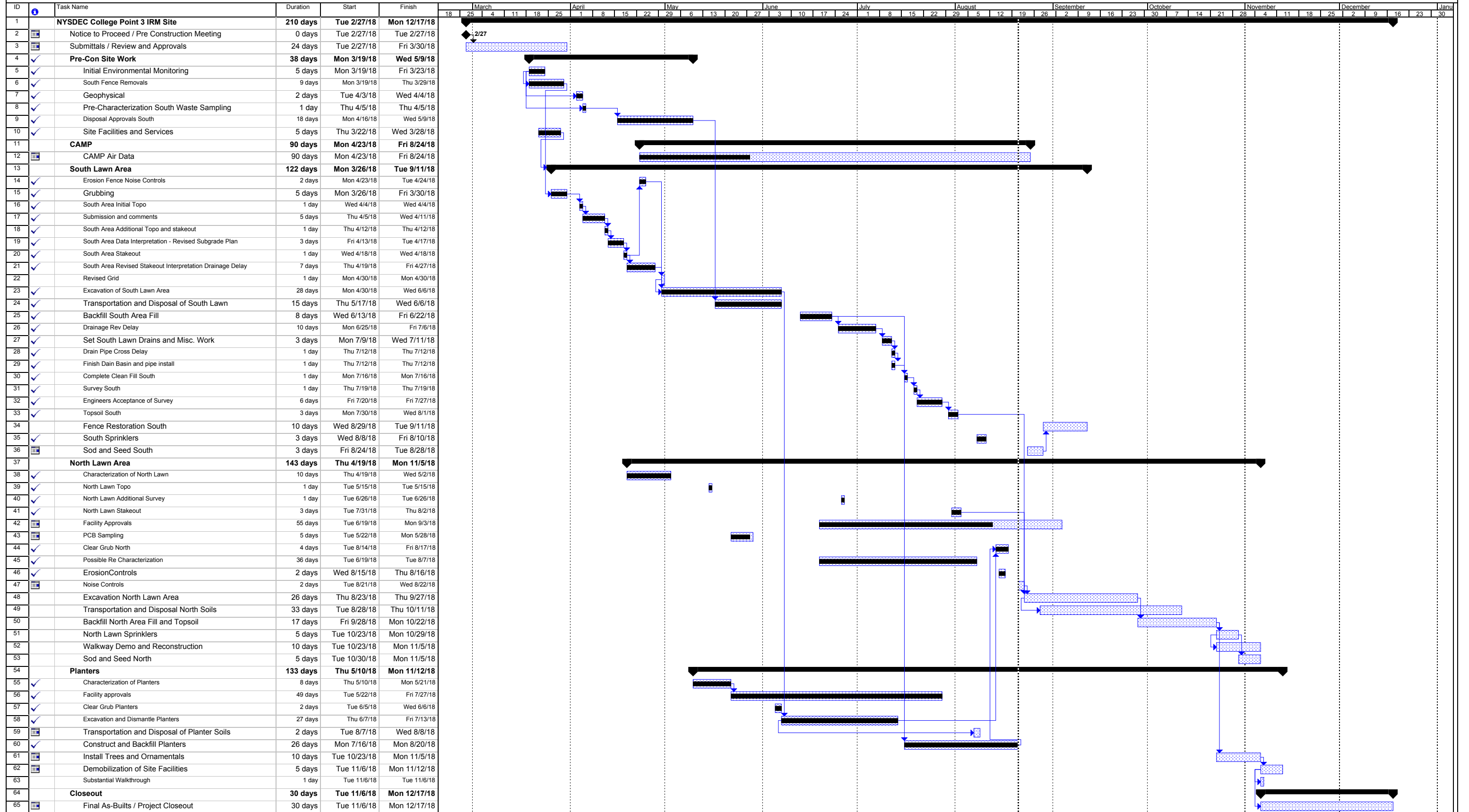
**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3  
Date: Tue 8/21/18

Task Progress Summary Rolled Up Split Rolled Up Progress Project Summary Deadline  
Split Milestone Rolled Up Task Rolled Up Milestone External Tasks External Milestone

PROJECT PROGRESS MEETING No. 12 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, September 5, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 10 on 08/21/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 11. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 10 are now deemed final. URS distributed the minutes from Progress Meeting No. 11 on 09/04/18. M. Rose stated that he has reviewed the minutes and has no comments. The minutes from Progress Meeting No. 11 are now deemed final.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that the last two weeks have been very productive. He stated that over the past two weeks, EnviroTrac raked the South Lawn Area topsoil, installed temporary fencing and noise barriers in the North Lawn Area, backfilled the Riviera Court Planter Boxes and Islands, excavated the delineation areas in the North Lawn Area, collected the waste characterization sample from the stockpiled delineation area soils, began the North Lawn Area excavation, surveyed completed portions of the North Lawn Area excavation, completed the PCB soils excavation, collected PCB Soils Area samples, placed sod in the South Lawn Area, and hydroseeded Cove Court and Capstan Court Islands.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on collecting North Lawn Area documentation samples, constructing the PCB Soils Area decontamination pad, loading out the PCB Soils for offsite disposal, decontaminating the excavator used for the PCB Soils Area excavation, making necessary subgrade adjustments to the North Lawn Area excavation, continuing the North Lawn Area excavation, backfilling the North Lawn Area excavation, topsoiling the North Lawn Area, beginning the Cove Court, Capstan Court, and Riviera Court Plantings, backfilling*



*the PCB Soils Area excavation, loading out North Lawn Area soils for disposal, and surveying the North Lawn Area.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 09/04/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 08/30/18. The Substantial Completion Date on the latest schedule is Tuesday 11/06/18, the same Substantial Completion Date as the previous schedule submission. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*URS returned EnviroTrac's South Lawn Irrigation System As-Built Drawing "Resubmit with Revisions" on 08/31/18. URS' Irrigation System specialist provided additional comments on the Submittal. M. Alliegro stated that he forwarded the comments to John Blaskovik at Pacific Lawn Sprinklers. John will address the comments.*

*URS has reviewed the weekly vibration, settlement, and crack monitoring reports that EnviroTrac submitted prior to Progress Meeting No. 11 and they will be approved. K. Jackson stated that Vanguard needs to submit weekly vibration, settlement, and crack monitoring reports for the balance of August. EnviroTrac will submit the reports.*

*K. Jackson stated that EnviroTrac submitted the Monthly Community Air Monitoring Report for August on 09/04/18. URS will review and provide any comments.*

*EnviroTrac submitted Cove Court, Capstan Court, and Riviera Court Island Backfill Volumes and Riviera Court Planter Box Backfill Volumes on 08/13/18. K. Jackson and R. West reviewed the volumes and they will be approved. K. Jackson stated that LKMA must still submit the Cove Court and Capstan Court Planter Box Backfill Volumes. EnviroTrac will contact LKMA regarding the missing volumes.*

*K. Jackson stated that the Liotta Brothers weight ticket from the rolloff that was picked up from the site on 07/25/18 has still not yet been submitted. K. Jackson also stated that the Liotta Brothers weight tickets from rolloffs that were picked up on 08/15/18, 08/16/18, and 08/20/18 have also not yet been submitted. EnviroTrac will submit the weigh tickets.*

*K. Jackson stated that in addition to the Category B Deliverable Analytical Reports, ChemTech must also provide Electronic Data Deliverable (EDD) Reports. EnviroTrac will provide the reports.*

*EnviroTrac submitted a Category B Deliverable for the Planter Box Documentation*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 12  
Page 3**

*Samples on 08/27/18. G.Kisluk reviewed the Deliverable and informed K. Jackson that it was incomplete. He made a list of missing items. K. Jackson will forward that list to EnviroTrac. EnviroTrac will contact ChemTech regarding the missing items.*

*K. Jackson stated that prior to beginning the Cove Court, Capstan Court, and Riviera Court Plantings, EnviroTrac must submit an invoice containing a list of the plants, the plant source, and the size of the plants. EnviroTrac will submit the invoice. M. Haggerty stated that in conversations with Condo 3 Property Manager Rex White, R. White has asked about the size of the trees. EnviroTrac responded that they will have a better idea about the size of the trees once they receive the invoice from their plant source.*

- 7. RFIs/Field Orders**  
RFI and Field Order Logs Attached (Attachment A)  
None
- 8. Field Clarification Memos**  
FCM Log Attached (Attachment A)  
None
- 9. Disputes/Claims**  
None
- 10. Proposed Change Orders**  
PCO Log Attached (Attachment A)

*K. Jackson stated that he has drafted Change Order No. 1. It currently contains approved PCO Nos. 1, 2, 3, 4, 6, 8, 9, and 12 and has a value of \$101,174.17. K. Jackson stated that he will add PCO No. 10, which includes costs associated with the additional sampling required for the North Lawn Area. EnviroTrac submitted PCO No. 10 on 08/17/18 for \$3,355.79. The original version of the PCO did not include the extract and hold costs for the additional samples collected from around Location SS-11 and the costs to discard those samples and samples that were collected, extracted, and held from around Geoprobe® Location No. 13. K. Jackson will provide comments on PCO No. 10. PCO No. 10 will add between \$3,000.00 and \$4,000.00 to Change Order No. 1.*

*EnviroTrac submitted PCO No. 12 on 08/24/18, which included costs associated with sampling the South Lawn Area sod. URS approved the PCO on 09/04/18.*

*The Department internally approved the memo prepared by URS on 08/27/18 for the additional costs associated with the transportation and disposal of the PCB Soils.*

*Meeting parties agreed that the additional topsoil requested by Condo 3 Management for Islands COV 6A, COV 5A, and COV 20A will be included in PCO No. 13*

**11. Payment Applications**

*M. Rose stated that he has drafted CAP No. 6 and he will send to K. Jackson today. K. Jackson stated that he will work with EnviroTrac to calculate the area of the topsoil for payment. The area will be calculated from survey data that has already been submitted.*

**12. WBE/MBE Utilization**

*WBE Innovative Recycling Technologies is currently onsite coordinating trucks for the loadout and offsite disposal of the PCB soils. M. Rose stated that they will also perform the decontamination of the large excavator bucket and assist with emptying the underground storage tank that was excavated in the North Lawn Area.*

**13. Health and Safety**

*K. Jackson reminded meeting parties to be mindful of heat stress during this period of high temperatures onsite.*

*C. Dusel emphasized the importance of wearing proper PPE, especially during work in the vicinity of the PCB Soils Area excavation. Booties and gloves are required there in addition to normal site PPE. He also stated that dust control at the PCB Soils Area excavation has been satisfactory.*

**14. Open Discussion**

- *URS, EnviroTrac, and the Department held a conference call with EnviroTrac's Clean Earth Contact, Karen Vivo Hartley, at the beginning of today's meeting from 1015 to 1035. During the call she stated that she would issue the approval letter for the North Lawn Area soils at Clean Earth of Carteret, New Jersey.*
- *During the conference call with K. Hartley, she reiterated the direction that she had previously provided to EnviroTrac regarding the PADEP's request for additional delineation sampling around Sample Location SS-15 where a historical PCB detection 2.4 ppm was encountered. This delineation would be required for further consideration of accepting the North Lawn Area soils at Clean Earth Bethlehem. Meeting parties informed her that per her original direction, a 20 ft. x 20 ft. area was excavated around Sample Location SS-06, which included SS-15, and no additional delineation sampling was performed. The soils within that 20 ft. x 20 ft. area were excavated and stockpiled separately. The soils surrounding that 20 ft. x 20 ft. area have already been excavated. Additional delineation sampling around the 20 ft. x 20 ft. area is impossible at this point. K. Hartley previously informed EnviroTrac that no additional delineation sampling was required around the 20 ft. x 20 ft. area around SS-06, so none was performed. Today K. Hartley stated that her original direction was her best judgement as to what would satisfy the PADEP based on her previous experience with them. She told meeting parties that she has called the Northeast Regulator at the PADEP and has explained the current status of the soils to him. He is currently out of office and the party at the PADEP who is filling in for him may not feel comfortable making the decision on*

*the North Lawn Area Soils. Meeting parties asked if K. Hartley objected to them calling the PADEP directly. K. Hartley responded that Clean Earth currently has 1,000,000 cubic yards of space that they can fill at Clean Earth Bethlehem. She would like to keep their relationship with the PADEP on good terms and would prefer if correspondence was left between Clean Earth and the PADEP. M. Haggerty reiterated the urgency with which meeting parties need a decision to be made. He suggested requesting a boundary line from the PADEP identifying which North Lawn Area soils would be acceptable at Clean Earth Bethlehem, if they are not satisfied with our current delineation method. K. Hartley took that into consideration. She stated that Clean Earth has had success getting partial approvals in the past. K. Hartley stated that she would try to reach her contact at the PADEP today and will report back to EnviroTrac with the results of that call.*

- *M. Rose has reached out to Waste Management Grand Central Landfill in Penn Argyl, Pennsylvania and Bayshore Recycling Corporation in Keasbey, New Jersey for transportation and disposal pricing for the delineation soils and planter box soils stockpile. Bayshore performs recycling and thermal treatment. M. Rose will obtain 3 quotations for the transportation and disposal of the stockpile.*
- *EnviroTrac has estimated that the underground storage tank that was excavated in the North Lawn Area has a total volume of 500 gallons. They have also estimated that the tank is one-half filled with water, potentially filling approximately six drums. M. Haggerty asked which option would be more expensive, separately characterizing the water as a different waste stream or disposing of it with the drums of PCB decontamination water. K. Jackson stated that EnviroTrac priced the transportation and disposal of the drums of PCB decontamination water in the original draft of PCO No. 9 at \$850.00 per drum. M. Haggerty would like to characterize the liquid from the underground storage tank as a separate waste stream. He would also like to see the water inside of the tank.*
- *M. Rose stated that EnviroTrac would like to begin backfilling the completed portions of the North Lawn Area excavation as soon as possible. LKMA's draftsman for this project is on vacation this week, so they will not be able to generate a map of the elevations shot on Friday 08/31/18. URS granted permission for the backfilling today. K. Jackson verified that EnviroTrac met the Contract subgrades when LKMA was onsite on 08/31/18 and with subsequent grading adjustments this week. M. Rose stated that he would like to get LKMA back onsite this week to survey the North Lawn Area backfill grades.*
- *EnviroTrac stated that they have burlap onsite and materials to clean roots for tree protection during the North Lawn Area excavation. They would like to begin the tree protection activity today.*
- *EnviroTrac completed the PCB Area excavation on Tuesday 09/04/18. A total of 7 samples were collected from the excavation walls, including a sample collected today. The samples were collected with the 2.5 to 3.0 cy excavator bucket. Grab samples were collected from the soils in the excavator bucket. URS and EnviroTrac will collect approximate measurements of the sample locations in the field. The excavation ultimately extended 10 ft. to the east of its original eastern*

*boundary. Numerous broken drums and construction debris were encountered during the excavation. An 18" diameter reinforced concrete pipe that was leaking water was also uncovered during the excavation.*

- *EnviroTrac constructed a decontamination pad for the loadout of the PCB soils. The contents of the underground storage tank will also be emptied into drums on the decontamination pad. The poly liner for the decontamination pad will be loaded out with the last load of soils.*
- *EnviroTrac began the loadout of the PCB Soils for offsite disposal this morning. Three loads were transported offsite this morning and each of those trucks will return for a second load. EnviroTrac has estimated that the entire pile can be loaded out today, though that is dependent on the truckers' opinion on how much soil is in a full load. Some truckers are more conservative than others.*
- *URS has completed the tax exemption forms that EnviroTrac requested and returned the forms to EnviroTrac on Tuesday 08/28/18.*
- *M. Rose stated that he has received returned phone calls from Pacific Lawn Sprinklers and Walter T. Gorman Engineering regarding the NYCDOB Plumbing Permit. M. Alliegro stated that he would follow up with their contact from Pacific. M. Rose stated that Daniel Ashe at Walter T. Gorman provided him with a name of a New York City Licensed Plumber. He will follow up with Gorman's contact.*
- *K. Jackson stated that he received all of the responses from the South Lawn Area Yard Restoration Survey and sent the results to EnviroTrac on Tuesday 09/04/18. Twelve respondents want the pre-existing plants restored and twelve respondents wanted sod only. Cecilia Ng, one of the residents in the south western corner of the South Lawn Area, requested that EnviroTrac install plants that she had purchased. K. Jackson asked meeting parties for their opinion on installing plants that were not a part of the Contract. Meeting parties agreed that it is best that the resident install the plants herself. K. Jackson will notify the resident.*
- *EnviroTrac stated that they plan on beginning Cove Court, Capstan Court, and Riviera Court Plantings next week.*
- *K. Jackson recently received a phone call from Condo 3 Property Manager Rex White on which R. White stated that he and the Condo 3 President think that the road on Capstan Court is settling. K. Jackson and M. Alliegro looked at historical photos and video from the site since the project began and have found no evidence that the road on Capstan Court is settling. Meeting parties stated that in addition to 80,000 lbs., 20 cy, tandem dump trucks that travel the road for project related matters, garbage trucks pick up trash on Capstan Court and Riviera Court multiple times per week. Meeting parties also noted that the road on Riviera Court from the wrought iron railing at the platform to Capstan Court appears to be in good condition in spite of the traffic from trucks hauling excavated soil and clean backfill for the project. Someone made repairs to potholes in the Capstan Court pavement during the course of the project. Meeting parties were not aware whether or not it was NYCDOT that made the repairs. M. Rose will obtain an*

*approximate cost to bring in a few loads of asphalt to repair some the low areas on Capstan Court. URS and the Department may offer this to R. White.*

- *EnviroTrac completed the placement of sod on Tuesday 09/04/18. The very southwestern corner of the South Lawn Area, located on Cove Court, will require hand watering because the South Lawn Area Irrigation System does not extend that far.*
- *EnviroTrac stated that Pacific Lawn Sprinklers has placed the South Lawn Area Irrigation System on a timer. Each of the 8 zones in the system operates one zone at a time.*
- *Former Villas at Riverview Condo President Clinton Haynes has requested that parking spaces 18 through 22 be re-stenciled. The work unrelated to the project that was performed on the Riviera Court Platform wore away the existing stenciling. EnviroTrac will re-stencil the parking spaces. M. Alliegro stated that EnviroTrac still has stencils onsite.*
- *The resident at 120-26 Cove Court has complained to site parties about water leaking at her residence as a result of rain water coming through Planter Box and Island COV 20 and 20A. K. Jackson has notified R. White of the issue and he is monitoring it.*
- *The resident at 2-16 Capstan Court (South Lawn Area Yard 11) has complained about rain water draining onto her patio. K. Jackson told the resident that the situation will be monitored and that the placement of sod should help the drainage.*
- *Site parties accidentally excavated three plants in the backyard of the North Lawn Area resident at 120-09 Riviera Court. The resident wanted to pot the plants during excavation and re-plant them after backfilling. The resident has attempted to pot the excavated plants. The resident notified K. Jackson that he would contact him if the plants do not survive and request new plants.*

## **15. Action Items**

### Previous Action Items

- *EnviroTrac*
  - *Review the minutes from Project Progress Meeting No. 10. – **Completed***
  - *Submit sod analytical data - **Completed***
  - *Submit certification for seed that will be placed in Cove and Capstan Court Islands. - **Completed***
  - *Submit Liotta Weight Ticket from July 25, 2018.*
  - *Confirm hold time of extracted PCB samples with ChemTech.*
  - *Submit PCO No. 11.*
  - *Submit PCO No. 12. - **Completed***
  - *Submit quotation from Waste Management Grand Central Landfill.*
  - *Review PCB soils transportation and disposal with Innovative Recycling Technologies. - **Completed***

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 12  
Page 8**

- *Continue to pursue NYCDOB Plumbing Permit.*
- *Hydroseed Cove Court and Capstan Court Islands. - **Completed***
- *Submit cut sheets and change order from Pacific Lawn Sprinklers. - **Completed***
- *Re-stencil relocated parking spaces on Riviera Court. - **Completed***
  
- **URS**
  - *Provide comments on Project Progress Schedule. - **Completed***
  - *Review and provide comments on sod seed certification. - **Completed***
  - *Return approvals on old vibration, settlement, and crack monitoring reports. - **Completed***
  - *Review and comment on latest set of vibration, settlement, and crack monitoring reports. - **Completed***
  - *Review and comment on the planter box and island backfill volume calculation.*
  - *Return South Lawn Area Topsoil Survey. - **Completed***
  - *Approve PCO No. 9. - **Completed***
  - *Review and respond to PCO No. 10.*
  - *Sign tax forms and provide to EnviroTrac. **Completed***
  - *Obtain responses on yard restorations from Condo 3 South Lawn Area residents and provide to EnviroTrac. - **Completed***
  - *Investigate pre-construction video and photographs of Capstan Court to investigate claim from Condo 3 President. - **Completed***
  - *Rescind PCO No. 7. - **Completed***
  
- **NYSDEC**
  - *Notify M. Jennings that staining left on Riviera Court was not the work of EnviroTrac. - **Completed***

**Current Action Items**

- **EnviroTrac**
  - *Address comments on South Lawn Irrigation System As-Built Drawing.*
  - *Submit weekly vibration, settlement, and crack monitoring reports for the balance of August.*
  - *Submit Cove Court and Capstan Court Planter Box Backfill Volumes.*
  - *Submit Liotta Brothers Weight Tickets from 07/25/18, 08/15/18, 08/16/18, and 08/20/18*
  - *Provide Electronic Data Deliverable (EDD) Analytical Reports.*
  - *Submit invoice containing list of plants.*
  - *Submit CAP No. 6.*
  - *Obtain quotations for transportation and disposal of the delineation soils stockpile.*
  - *Characterize the water in the underground storage tank as a separate waste stream.*
  - *Collect field measurements of where sidewall samples were collected during the PCB Soils Area excavation.*
  - *Follow up with Walter T. Gorman Engineering and Pacific Lawn Sprinklers contacts regarding NYCDOB Plumbing Permit.*

**College Point 3 Interim Remedial Measure  
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- *Estimate the cost of a few loads of asphalt to fill in some of the low spots on Capstan Court.*
- *Re-stencil Riviera Court parking spaces 18 through 22.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Issue approvals for weekly vibration, settlement, and crack monitoring reports submitted prior to Progress Meeting No. 11.*
  - *Review and provide any comments on the August Monthly Community Air Monitoring Report.*
  - *Approve Cove Court, Capstan Court, and Riviera Court Island Backfill Volumes and Riviera Court Planter Box Backfill Volumes.*
  - *Return Planter Box Documentation Sample Category B Deliverable to EnviroTrac.*
  - *Provide comments on PCO No. 10*
  - *Finalize Change Order No. 1*
  - *Assist EnviroTrac in the calculation of topsoil area for payment.*
  - *Notify Cecilia Ng that site parties would prefer if she installed her own plants.*
  
- **NYSDEC**
  -

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 13 was scheduled for Wednesday, September 19, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:45 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*



**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 12 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, September 5, 2018; 10:00 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**

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Page 2**

**4. Project Schedule**

**5. Submittals**

- **Submittal Log Attached**

- **South Lawn Area Irrigation System As-Built Drawing**

- **Weekly Vibration, Crack, and Settlement Monitoring Reports**

- **August Monthly Community Air Monitoring Report**

**College Point 3 Interim Remedial Measure  
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Page 3**

- **Planter Box Backfill Volumes**
- **Missing Liotta Ticket July 25, 2018**
- **Electronic Data Deliverables**

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Page 4**

- **Planter Box Documentation Samples**

- **List of Plant Materials and Sources/Plant Product Inspection Data**

**6. RFIs/Field Orders**

- **None**

**7. Field Clarification Memos**

- **None**

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**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO 10 - PCB Grid Sampling**

- **PCO 12 – Sod Analytical**

- **PCO – PCB Soils Transportation and Disposal**

- 10. Payment Applications**
- **Payment Application No. 6**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**

- **Heat Stress**

- **PPE**

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**13. Open Discussion**

- **Carteret Approval**
  
  
  
  
  
  
  
  
  
  
- **PADEP Review for Bethlehem**
  
  
  
  
  
  
  
  
  
  
- **Waste Management Landfills**



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- **Underground Storage Tank**

- **North Lawn Excavation**

- **Tree Protection**

- **PCB Area Excavation**

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- **PCB Decontamination Pad**
- **PCB Excavation Transportation and Disposal**
- **Tax Exemption Form**



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- **Sod Placement**
- **Irrigation System**
- **Riviera Court Stenciling**
- **Resident at 120-26 Cove Court**

- **Residents at 2-16 Capstan Court – Yard 11**

- **Resident at 120-09 Riviera Court**

#### **14. Action Items**

##### Previous Action Items

- *EnviroTrac*
  - *Review the minutes from Project Progress Meeting No. 10. – **Completed***
  - *Submit sod analytical data - **Completed***
  - *Submit certification for seed that will be placed in Cove and Capstan Court Islands. - **Completed***
  - *Submit Liotta Weight Ticket from July 25, 2018.*
  - *Confirm hold time of extracted PCB samples with ChemTech.*
  - *Submit PCO No. 11.*
  - *Submit PCO No. 12. - **Completed***
  - *Submit quotation from Waste Management Grand Central Landfill.*
  - *Review PCB soils transportation and disposal with Innovative Recycling Technologies. - **Completed***
  - *Continue to pursue NYCDOB Plumbing Permit.*
  - *Hydroseed Cove Court and Capstan Court Islands. - **Completed***
  - *Submit cut sheets and change order from Pacific Lawn Sprinklers. - **Completed***

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 12 Agenda  
Page 13**

- *Re-stencil relocated parking spaces on Riviera Court. - Completed*
- *URS*
  - *Provide comments on Project Progress Schedule. - Completed*
  - *Review and provide comments on sod seed certification. - Completed*
  - *Return approvals on old vibration, settlement, and crack monitoring reports. - Completed*
  - *Review and comment on latest set of vibration, settlement, and crack monitoring reports. - Completed*
  - *Review and comment on the planter box and island backfill volume calculation.*
  - *Return South Lawn Area Topsoil Survey. - Completed*
  - *Approve PCO No. 9. - Completed*
  - *Review and respond to PCO No. 10.*
  - *Sign tax forms and provide to EnviroTrac. Completed*
  - *Obtain responses on yard restorations from Condo 3 South Lawn Area residents and provide to EnviroTrac. - Completed*
  - *Investigate pre-construction video and photographs of Capstan Court to investigate claim from Condo 3 President. - Completed*
  - *Rescind PCO No. 7. - Completed*
- *NYSDEC*
  - *Notify M. Jennings that staining left on Riviera Court was not the work of EnviroTrac. - Completed*

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: September 4, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	



FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: September 4, 2018 (4:32PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</b></p>			
17	08/02/18	<p><b>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</b></p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p><b>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</b></p>	08/17/18	Tree removed.	



# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: September 4, 2018 (4:32PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.		Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18		Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area		Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area		Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: September 4, 2018 (4:33PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: September 4, 2018 (4:33PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: September 4, 2018 (4:33PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved		
			b		4/17/2018	K. Jackson				
			c		4/27/2018	K. Jackson				
			d		5/9/2018	K. Jackson				
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions		
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions		
			g		6/22/2018	K. Jackson				
			h		7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions		
			i		7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions		
			j		8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions		
			k		8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions		
			l		9/4/2018	K. Jackson				
		01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>	
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
			b		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
					4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
		01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018					
01051-4	a	North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions				
	b		7/10/2018	K. Jackson	7/23/2018	Approved as Noted				
	c		8/3/2018	K. Jackson	8/10/2018	Resubmit with Revisions				
	d		8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions				
01051-5		South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved				
01051-6		South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions				
01051-7	a	Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions				
	b		7/13/2018	K. Jackson						
			7/31/2018	K. Jackson	9/4/2018	Approved				
01051-8		South Lawn Backfill Survey through July 19, 2018	7/23/2018	K. Jackson	7/30/2018	Approved				
01051-9	a	South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved				
			8/3/2018	K. Jackson	9/4/2018	Approved				
01051-10		Planter Box Backfill Volumes	8/13/2018	K. Jackson						
01051-11	a	South Lawn Area Topsoil Survey through August 21, 2018	8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions				
			8/22/2018	K. Jackson	8/24/2018	Approved				
01051-12		Survey Instrument Certifications								
01051-13		Permanent Survey Control Monuments								
01051-14		Record Survey Drawings								
01051-15		Survey Field Notes and Records								
01051-16+		Survey Data and Maps for On-Site Work								
01051-17+		Sample Location Data								
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2		RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			a		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	9/4/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	9/4/2018	Approved	



SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	9/4/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	9/4/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	9/4/2018	Approved	
01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	9/4/2018	Approved			
01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	9/4/2018	Approved			
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	9/4/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	9/4/2018	Approved	
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	9/4/2018	Approved	
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	9/4/2018	Approved	
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	9/4/2018	Approved	
		01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson			
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson			
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson			
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson			
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson			
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson			
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson			
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson			
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson			
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson			
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson			
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson			
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson			
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson			
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson			
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson			
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson			
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson			
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson			
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson			
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson			
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson			
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson			
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson			
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson			
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson			
01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson					
01730-65		Final Results Report							
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		02220-3		PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
			a		8/24/2018	K. Jackson	8/28/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	9/4/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	9/4/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	9/4/2018	Approved	
		02300-6		Sample Location Sketch					
		02300-7		Final Grading Plan					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
			a		6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-7		Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
			a		6/19/2018	K. Jackson	6/21/2018	Approved	
		02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	8/21/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	8/21/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	8/21/2018	Approved	
02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved			
02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved			
02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved			
02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson		Approved			
02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02700	Planting	02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
				Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		a	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		b	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		c	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
				Detailed M/WBE-EEO Utilization Plan and Work Plan	6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
					2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
				Performance Bonds	4/19/2018	K. Jackson			
					2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B.Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
				Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	53700	26.85	102	1286863	

**ATTACHMENT B:**

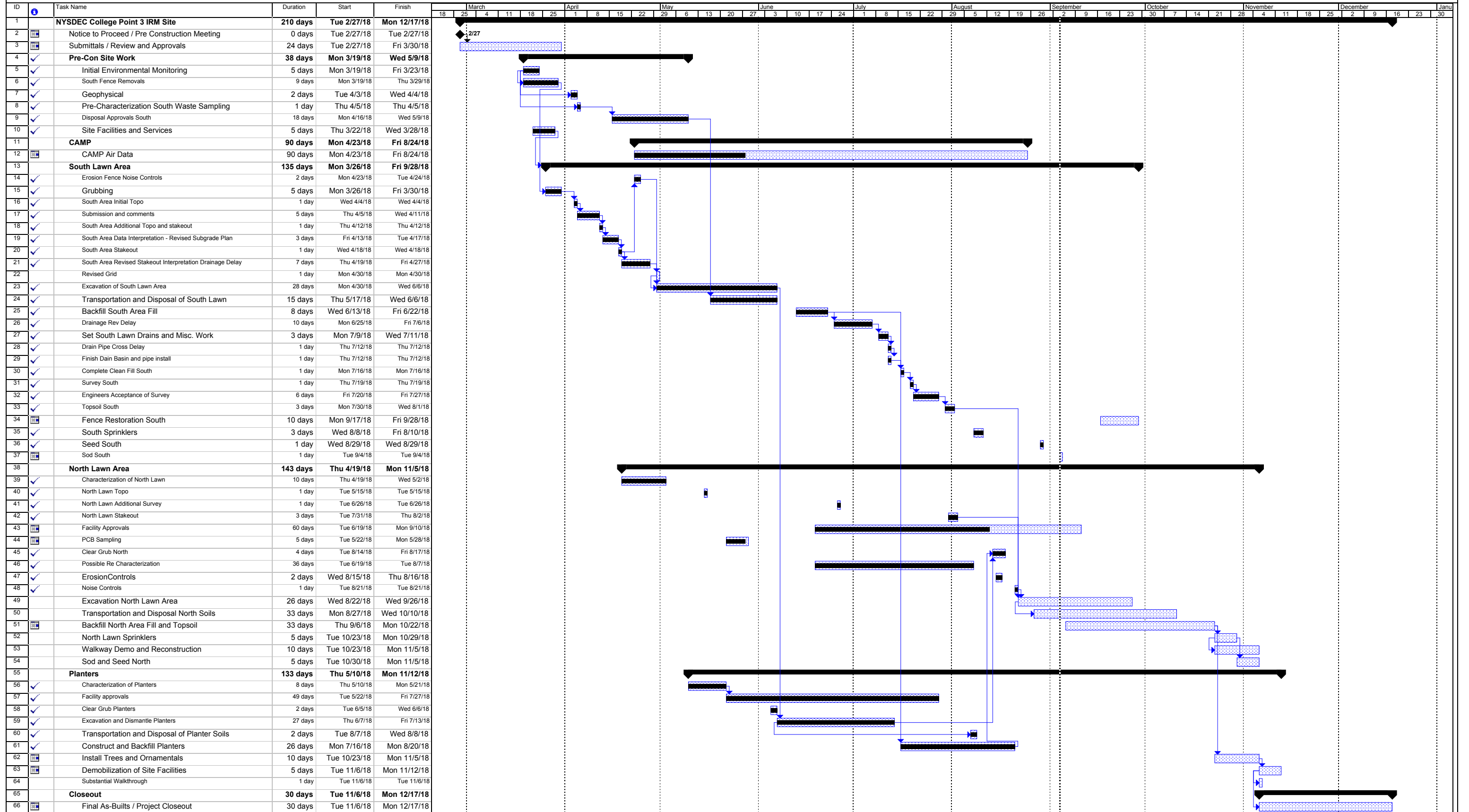
**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**





**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3    Date: Tue 9/4/18

Task    Progress    Summary    Rolled Up Split    Rolled Up Progress    Project Summary    Deadline

Split    Milestone    Rolled Up Task    Rolled Up Milestone    External Tasks    External Milestone

PROJECT PROGRESS MEETING No. 13 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, September 19, 2018; 10:00 A.M.  
Location: URS Site Trailer

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC  
Chuck Dusel – URS  
Kyle Jackson – URS  
Randy West – URS (via telephone)  
Michael Rose – EnviroTrac  
Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 12 on 09/18/18. M. Rose stated that he had not had a chance to review the minutes prior to today's meeting. The minutes from Progress Meeting No. 12 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, there was a heavy focus on the PCB Soils Excavation Area. He stated that EnviroTrac placed sod in the South Lawn Area, collected documentation samples from the North Lawn Area, collected a waste characterization sample from the delineation (orphan) pile, surveyed the North Lawn Area, completed the PCB Soils Area Excavation, loaded the PCB Soils out for offsite disposal, decontaminated the excavator used to complete the PCB Soils Area Excavation, made necessary adjustments to the North Lawn Area subgrades, backfilled the PCB Soils Area Excavation, began installing the Cove Court, Capstan Court, and Riviera Court Plantings, continued North Lawn Area excavation, began the loadout of North Lawn Area soils for disposal, and began North Lawn Area backfilling.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on collecting documentation samples, surveying the North Lawn Area, beginning South Lawn Area garden plantings, continuing to backfill the North Lawn Area, begin topsoiling the North Lawn Area, continuing to install the Cove Court, Capstan Court, and Riviera Court plantings, continuing North Lawn Area soils disposal, and disposing of the Delineation (Orphan) Pile.*

*M. Rose stated that North Lawn Area excavation will be completed daily, even though*

*the boxes aren't checked on the two-week look ahead.*

*M. Rose also stated that the surveyor will be onsite twice per week moving forward to survey the North Lawn Area excavation and backfill.*

*EnviroTrac estimated that there is one week of Riviera Court, Cove Court, and Capstan Court plantings remaining.*

## **5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 09/18/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 09/13/18. The Substantial Completion Date on the latest schedule is Tuesday 11/06/18, the same Substantial Completion Date as the previous schedule submission. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

*M. Rose and M. Alliegro led a discussion about sod placement. They would like to start sodding near the North Lawn Area Sprinkler Header. M. Rose stated that DeLea Sod Farms informed him that sod can be placed into January, as long as DeLea is still cutting sod. He also stated that it is okay if the sod is placed on frozen ground as long as the ground is still in a freeze/thaw cycle.*

## **6. Submittals**

**Submittal Log Attached (Attachment A)**

*URS returned EnviroTrac's South Lawn Irrigation System As-Built Drawing "Resubmit with Revisions" on 08/31/18. Peter from Pacific Lawn Sprinklers dropped off a revised submittal onsite on 09/17/18. URS will review and provide any additional comments on the submittal.*

*EnviroTrac has submitted weekly vibration, settlement, and crack monitoring reports through the week ending 09/07/18. K. Jackson stated that the crack monitoring reports for the weeks ending 08/03/18 and 08/10/18 have not been submitted. M. Rose responded that he knew that the report from 08/03/18 was outstanding, but that he thought that the report from 08/10/18 had been submitted. K. Jackson will double-check on the report from the week ending 08/10/18. M. Rose will check on the status of the report for week ending 08/03/18 with Vanguard. K. Jackson will review and comment on the remaining reports.*

*EnviroTrac submitted the Monthly Community Air Monitoring Report for August on 09/04/18. K. Jackson has reviewed the report and it will be approved.*

*K. Jackson stated that LKMA must still submit the Cove Court and Capstan Court Planter Box Backfill Volumes to EnviroTrac. The volumes are required for payment. K. Jackson will provide EnviroTrac with the survey dates that the backfill was shot.*

*EnviroTrac has begun to submit electronic data deliverables (EDDs) for the project. ChemTech sent the EDD for the PCB Soils Excavation Delineation Samples to EnviroTrac on 08/31/18. G. Kisluk reviewed the submittal and it will be approved.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)  
None

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)  
None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*URS returned PCO No. 10, which includes costs associated with the additional sampling required for the North Lawn Area, "Resubmit with Revisions" on 09/11/18. EnviroTrac resubmitted the PCO on 09/13/18 for \$3,825.29. URS approved the PCO on 09/18/18.*

*URS has drafted Change Order No. 1. The value of Change Order No. 1 is \$104,999.46. URS needs to review the document with the Department. The signature blocks in the document require review. There is currently a signature block in the document for the Office of the State Comptroller. This will be eliminated. Once URS and the Department have completed their review, a draft of the document will be sent to EnviroTrac.*

**11. Payment Applications**

*URS approved CAP No. 6 on 09/17/18 for \$225,278.12. EnviroTrac entered CAP No. 6 into AGIS on 09/17/18.*

**12. WBE/MBE Utilization**

*K. Jackson stated that Innovative Recycling Technologies did a nice job coordinating the loadout of the soils from the PCB Soils Excavation Area for disposal and decontaminating the excavator used to perform the excavation two weeks ago. M. Rose stated that he has a quantity of 268.10 tons of PCB Soils that were shipped offsite for disposal. He stated that he has signed manifests and weight tickets for the soils, but he needs better copies prior to submitting them to URS. M. Rose will submit copies of the weight tickets and signed manifests for the PCB Soils once he receives the better copies. The approximate cost for the transportation and disposal of the PCB Soils is \$96,000.00. This cost will be included in PCO No. 11.*

**13. Health and Safety**

*During Progress Meeting No. 12, C Dusel noted that he observed EnviroTrac site*

*workers not wearing proper PPE when working in the PCB hot spot area. K. Jackson stated that he has observed site parties wearing the appropriate PPE since then.*

*K. Jackson stated that high temperatures are back and he reminded meeting parties to be aware of insects onsite. M. Alliegro stated that he was stung by a bee on 09/18/18.*

#### **14. Open Discussion**

- The PADEP approved the North Lawn Area Soils (that are not a part of the Delineation Pile) for disposal at Clean Earth Bethlehem shortly after Progress Meeting No. 12 adjourned. Meeting Parties were pleased to hear the news then.*
- M. Rose sent out the quotes that he received for the transportation and disposal of the Delineation (Orphan) Pile. Bayshore Soil Management submitted the lowest unit price at \$59.00/ton. M. Haggerty asked EnviroTrac what they knew about Bayshore's process. M. Rose and M. Alliegro responded that Bayshore is a soil recycling facility that performs thermal desorption. They did not know the specifics of the thermal desorption process. M. Haggerty stated that the large pieces of concrete that were extracted from the PCB soils excavation must be disposed of with the Delineation Pile soils. He stated that he was not sure if Bayshore would accept concrete. M. Rose stated that he would check with Innovative Recycling Technologies about disposing of the concrete at Bayshore. He stated that a size reduction would likely be required. M. Haggerty stated that if the material was not going to a solid waste landfill, then the Department would need additional information. He asked EnviroTrac to obtain additional information from John Dull at Innovative Recycling Technologies regarding Bayshore. M. Haggerty stated that Clean Earth actually sent him the e-mail containing the approval from the PADEP for the South Lawn Area soils. C. Dusel, citing the Contract Documents, stated that a signed letter of approval for the waste is a required. M. Rose stated that he didn't think that the State of New Jersey would send an approval letter for these soils if they are shipped to Bayshore. M. Haggerty stated that he would speak with Gerard Burke at the Department regarding disposing of the Delineation Pile at Bayshore.*
- K. Jackson stated that five drums of oily (petroleum) water were generated as a result of emptying the underground storage tank that was excavated from the North Lawn Area. The water will be classified as a non-hazardous liquid.*
- K. Jackson stated that one drum of PCB decontamination materials was generated from decontaminating the excavator used to complete the PCB Soils Excavation.*
- On Friday 09/14/18, Vanguard notified EnviroTrac that crack gauges 5A, 6A, 7A, and 8A, located on the eastern wall of Building 1, had each expanded to approximately +1.0mm. Site parties had no answers for the expansion at this time, but they will continue to monitor the gauges. Meeting parties also discussed design modifications to the excavation, backfilling, and grading at the points near the eastern wall of Building 1. Parties discussed clearing the vegetation and then*

*placing 1 ft. of backfill there without performing any excavation. Parties agreed that this would be a better approach than excavation and backfill, given the recent development with the crack gauges. URS will issue a Field Order to EnviroTrac describing this approach.*

- K. Jackson stated that he spoke with Daniel Ashe at Walter T. Gorman Engineering and he stated that the plumbing permit for the eastern South Lawn Area Yard Drain must be pulled. He stated per the Contract Documents, it is EnviroTrac's responsibility to obtain all necessary permits for the project. C. Dusel read the correspondence aloud today that K. Jackson received from D. Ashe. M. Rose disagreed with URS' assessment. He stated that since the permits weren't filed by URS prior to issuing the Contract Documents for Bid, EnviroTrac was unaware of which permits needed to be pulled. M. Haggerty stated that the Department wants the plumbing permit pulled. M. Rose stated the he was also unaware that the plumbing permit for the yard drain had been filed. M. Rose described the problems that may arise if the permit is pulled, an inspection is requested, and the inspector sees that the yard drain has been constructed of materials that are different than those shown in the Permit Drawings, such as larger diameter pipe and the tee that was installed. M. Alliegro stated that site parties are also unaware of where water ultimately goes in the pipes that the yard drain is tied into. He stated that the inspector would likely ask that question. Meeting parties were aware of the possible consequences of a request for inspection of the yard drain. M. Haggerty stated that he would look for any materials that he has regarding the pipes. URS requested that EnviroTrac submit a formal proposal from the gentleman who spoke with K. Jackson and M. Alliegro onsite about the matter, Bobby from McManus Plumbing, Heating, and Cooling.*
- M. Alliegro stated that EnviroTrac would like to install the vinyl fence in the South Lawn Area prior to installing the yard plantings there. EnviroTrac asked who is providing the layout for the yard plantings. URS responded that per the Contract Documents, the residents will provide guidance on the layout of the yard plantings. EnviroTrac responded that they will need face time with the residents to lay out the planting beds. EnviroTrac stated that they are willing to stay late on some days to complete the task, as some residents may be working during normal site hours. K. Jackson will engage the residents regarding laying out the plantings in their yards. He will involve Condo 3 Property Manager Rex White as necessary.*
- K. Jackson stated the Villas at River view Condo President Clinton Haynes has granted URS and EnviroTrac permission to use their discretion when installing the plantings on Riviera Court. Some of the planter boxes are too small to install all of the plants specified in the Contract Documents. Brick pavers are required to be put back into place in many of the planter boxes. Residents place their garbage cans on these pavers. These pavers take up some of the space for the plantings. K. Jackson stated that C. Haynes is pleased with the Riviera Court plantings to date.*
- M. Haggerty met with Condo 3 Property Manager Rex White onsite on 09/18/18 and then went to the Condo 3 Board Meeting that evening. They discussed the Capstan Court pavement while onsite. The Condo 3 Board President was present at the Board Meeting. She told M. Haggerty that she was not pleased with the*



*Thundercloud Plum Trees that were placed in the Cove Court and Capstan Court Planter Boxes. She would also like sod to be placed in Islands COV 5A, COV 6A, and COV 20A. These are the islands on Cove Court where two courses were installed around the Island. M. Haggerty agreed to install sod in the islands in the spirit of cooperation with Condo 3. EnviroTrac will include the cost for this sod in the PCO for the Planter Box Accent Course, which has not yet been submitted.*

- *EnviroTrac's fence sub-subcontractor informed EnviroTrac that it would be more efficient to install new 6 ft. vinyl fencing rather than to reuse the old 6 ft. vinyl fence that was removed from the South Lawn Area. They will install new 3 ft. and 6 ft. vinyl fencing. M. Haggerty stated that the Villas at Riverview may want the old fence. EnviroTrac did not take exception to the Villas taking the old fence. K. Jackson will ask Villas Property Manager Michael Jennings if he wants the old fence.*
- *The sod on the western side of the Riviera Court platform is still brown and will likely need to be replaced. The irrigation system does not reach this portion of the South Lawn Area. EnviroTrac was not sure why this portion of sod didn't recover. M. Rose will inspect this section of sod after today's meeting.*
- *Meeting parties discussed mowing the sod in the South Lawn Area. EnviroTrac stated that they will mow the South Lawn Area sod until demobilization.*
- *K. Jackson stated that there was formerly a chain-link fence with brown privacy slats along the South Lawn Area at the Riviera Court Entrance to the Villas from Capstan Court. This fence is specified to be replaced in the Contract Documents. Villas Condo Presidents Clinton Haynes and Brian Freeman do not want the fence replaced. M. Haggerty stated that K. Jackson can ask Villas Property Manager Michael Jennings whether or not he wants the fence replaced.*
- *K. Jackson stated that prior to mobilization to the site, there was a gap on the western end of the South Lawn Area along the border with the Soundview Condo Property. EnviroTrac rolled out chain-link fence mesh across this gap prior to beginning construction. K. Jackson asked M. Haggerty whether or not this fence mesh should be removed at the end of construction. M. Haggerty responded that K. Jackson could ask M. Jennings whether or not he wanted the fence removed.*
- *K. Jackson stated the South Lawn Area sod was surveyed on 09/18/18.*
- *K. Jackson stated that stenciling still needs to be completed on Cove Court, Capstan Court, and Riviera Court. Meeting parties agreed that this task is not currently a high priority.*
- *M. Rose will have a pavement sub-subcontractor visit the site and provide an estimate for the pavement repair on Capstan Court.*
- *Allen Hsu, the resident at 2-08 Capstan Court, would like the gray bricks that are stacked in his driveway placed around the northern portion of Island CAP 4A. K.*

*Jackson will discuss this matter further with Mr. Hsu the next time that he sees him onsite.*

- *Yuong Ok Chung, the resident at 2-06 Capstan Court, requested that a small amount of additional topsoil be placed in the southern portion of Island CAP 4A. K. Jackson told him that his request would be accommodated. EnviroTrac will place the additional topsoil and re-hydroseed it.*
- *The plants behind 120-09 Riviera Court were accidentally ripped out during the North Lawn Area Excavation. The resident tried to re-pot the plants to save them, but the plants have died. He has requested three Ivory Halo Plants or Three Japanese Maple Plants as replacements. He would prefer the Japanese Maple Plants. His original plants were Ivory Halo plants. The Japanese Maple Plants are more expensive than the Ivory Halo Plants. M. Haggerty stated that the resident can have the Ivory Halo Plants. M. Rose stated that he did not need a Field Order for the plants.*
- *There is a pipe that is slightly protruding from the pavement at the intersection of Cove Court and Capstan Court. Residents have asked EnviroTrac in passing if they can remove the pipe. The pipe was present there before mobilization for this project. Meeting parties agreed that EnviroTrac can remove the pipe. M. Alliegro stated that would like to wait until pavement work is about to be performed on Capstan Court prior to removing the pipe. He does not want to damage the pavement any further by removing the pipe before then.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Address comments on South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Submit weekly vibration, settlement, and crack monitoring reports for the balance of August. - **Completed***
  - *Submit Cove Court and Capstan Court Planter Box Backfill Volumes.*
  - *Submit Liotta Brothers Weight Tickets from 07/25/18, 08/15/18, 08/16/18, and 08/20/18*
  - *Provide Electronic Data Deliverable (EDD) Analytical Reports. – **Partially Completed***
  - *Submit invoice containing list of plants.- **Completed***
  - *Submit CAP No. 6. - **Completed***
  - *Obtain quotations for transportation and disposal of the delineation soils stockpile.*
  - *Characterize the water in the underground storage tank as a separate waste stream. **Completed***
  - *Collect field measurements of where sidewall samples were collected during the PCB Soils Area excavation. - **Completed***
  - *Follow up with Walter T. Gorman Engineering and Pacific Lawn*

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- Sprinklers contacts regarding NYCDOB Plumbing Permit.*
  - *Estimate the cost of a few loads of asphalt to fill in some of the low spots on Capstan Court. - **Completed***
  - *Re-stencil Riviera Court parking spaces 18 through 22.*
- *URS*
  - *Provide comments on Project Progress Schedule. - **Completed***
  - *Issue approvals for weekly vibration, settlement, and crack monitoring reports submitted prior to Progress Meeting No. 11. - **Completed***
  - *Review and provide any comments on the August Monthly Community Air Monitoring Report. - **Completed***
  - *Approve Cove Court, Capstan Court, and Riviera Court Island Backfill Volumes and Riviera Court Planter Box Backfill Volumes. - **Completed***
  - *Return Planter Box Documentation Sample Category B Deliverable to EnviroTrac. - **Completed***
  - *Provide comments on PCO No. 10 - **Completed***
  - *Finalize Change Order No. 1 – **On-going***
  - *Assist EnviroTrac in the calculation of topsoil area for payment. - **Completed***
  - *Notify Cecilia Ng that site parties would prefer if she installed her own plants.*

Current Action Items

- *EnviroTrac*
  - *Address comments on South Lawn Irrigation System As-Built Drawing.*
  - *Check on the status of the weekly crack monitoring report from the week ending 08/03/18.*
  - *Submit copies of the weight tickets and signed manifests for the PCB Soils once he receives the better copies.*
  - *Obtain additional information from Innovating Recycling Technologies regarding Bayshore Soil Management.*
  - *Submit formal proposal for plumbing permit services from McManus Plumbing, Heating, and Cooling.*
  - *Inspect sod on the western side of the Riviera Court platform.*
  - *Provide an estimate for pavement repair on Capstan Court.*
  - *Place additional topsoil in the southern half of Island CAP 4A.*
  - *Place sod in Islands COV 5A, COV 6A, and COV 20A*
  - *Complete Cove Court, Riviera Court, and Capstan Court Stenciling*
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Review and respond to Revised South Lawn Irrigation System As-Built Drawing.*
  - *Review and comment on weekly vibration, crack, and settlement monitoring reports from through the week ending 09/07/18.*
  - *Double-check on the submittal status of the weekly crack monitoring report for the week ending 08/10/18.*

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- *Approve August Monthly Community Air Monitoring Report.*
- *Provide dates of surveys to EnviroTrac so that Cove Court and Capstan Court Planter Box Backfill Volumes can be calculated.*
- *Approve EDD for the PCB Soils Excavation Delineation samples*
- *Send a draft of Change Order No. 1 to EnviroTrac once URS and the Department have completed their review.*
- *Engage South Lawn Area residents regarding their yard plantings.*
- *Ask Villas Property Manager Michael Jennings about South Lawn Area Fences.*
- *Discuss Island 4A brick placement with Allen Hsu.*
- *Ask Villas President Michael Jennings if he wants the old 6 ft. vinyl fencing.*
  
- **NYSDEC**
  - *Review Change Order No. 1 with URS.*
  - *Speak with Gerard Burke regarding the disposal of the Delineation Pile at Bayshore Soil Management.*
  - *Look for materials regarding existing South Lawn Area pipes.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 14 was scheduled for Wednesday, October 3, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 1:00 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 13 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, September 19, 2018; 10:00 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



**College Point 3 Interim Remedial Measure  
Progress Meeting No. 13 Agenda  
Page 3**

- **Planter Box Backfill Volumes**

- **Electronic Data Deliverables**



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Progress Meeting No. 13 Agenda  
Page 4**

**6. RFIs/Field Orders**

- **None**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO 10 - PCB Grid Sampling**

- **Change Order No. 1**

**College Point 3 Interim Remedial Measure  
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Page 5**

- 10. Payment Applications**
  - **Payment Application No. 6**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**
  - **Insects**

- 13. Open Discussion**



- **PCB Decontamination Materials**
  
- **Cracks On Eastern Side of Building No. 1**
  
- **PCB Excavation Transportation and Disposal**
  
- **NYCDOB Permit**

**College Point 3 Interim Remedial Measure  
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Page 8**

- **Yard Plantings**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Cove Court/Capstan Court/Riviera Plantings**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Fence Installation**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Sod Near Riviera Court Platform**

- **Chain-Link Fence Along Western Side of South Lawn Area**

- **Sod Survey**

- **Cove Court and Riviera Court Stenciling**

**College Point 3 Interim Remedial Measure  
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Page 10**

- **Pavement Repair**
  
  
  
  
  
  
  
  
  
  
- **Resident at 2-08 Capstan Court**
  
  
  
  
  
  
  
  
  
  
- **Resident at 2-06 Capstan Court**

**College Point 3 Interim Remedial Measure  
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- **Resident at 120-09 Riviera**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Pipe at Capstan Court and Riviera Court**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Meeting with Condo 3 Board**



14. Action Items

Previous Action Items

- *EnviroTrac*
  - *Address comments on South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Submit weekly vibration, settlement, and crack monitoring reports for the balance of August. - **Completed***
  - *Submit Cove Court and Capstan Court Planter Box Backfill Volumes.*
  - *Submit Liotta Brothers Weight Tickets from 07/25/18, 08/15/18, 08/16/18, and 08/20/18*
  - *Provide Electronic Data Deliverable (EDD) Analytical Reports. – **Partially Completed***
  - *Submit invoice containing list of plants.- **Completed***
  - *Submit CAP No. 6. - **Completed***
  - *Obtain quotations for transportation and disposal of the delineation soils stockpile.*
  - *Characterize the water in the underground storage tank as a separate waste stream. **Completed***
  - *Collect field measurements of where sidewall samples were collected during the PCB Soils Area excavation. - **Completed***
  - *Follow up with Walter T. Gorman Engineering and Pacific Lawn Sprinklers contacts regarding NYCDOB Plumbing Permit.*
  - *Estimate the cost of a few loads of asphalt to fill in some of the low spots on Capstan Court. - **Completed***
  - *Re-stencil Riviera Court parking spaces 18 through 22.*
  
- *URS*
  - *Provide comments on Project Progress Schedule. - **Completed***
  - *Issue approvals for weekly vibration, settlement, and crack monitoring reports submitted prior to Progress Meeting No. 11. - **Completed***
  - *Review and provide any comments on the August Monthly Community Air Monitoring Report. - **Completed***
  - *Approve Cove Court, Capstan Court, and Riviera Court Island Backfill Volumes and Riviera Court Planter Box Backfill Volumes. - **Completed***
  - *Return Planter Box Documentation Sample Category B Deliverable to EnviroTrac. - **Completed***
  - *Provide comments on PCO No. 10 - **Completed***
  - *Finalize Change Order No. 1 - **Completed***
  - *Assist EnviroTrac in the calculation of topsoil area for payment. - **Completed***
  - *Notify Cecilia Ng that site parties would prefer if she installed her own plants.*
  
- *NYSDEC*
  -

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 13 Agenda  
Page 13**

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: September 19, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: September 18, 2018 (5:55PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</b></p>			
17	08/02/18	<p><b>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</b></p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p><b>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</b></p>	08/17/18	Tree removed.	

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: September 18, 2018 (5:56PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day



## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: September 18, 2018 (5:56PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: September 18, 2018 (5:56PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.



Updated: September 18, 2018 (5:56PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			b		4/2/2018	W. Smith	4/9/2018	Approved		
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
			a		3/8/2018	R. West	3/12/2018	Approved		
			b		4/17/2018	K. Jackson				
			c		4/27/2018	K. Jackson				
			d		5/9/2018	K. Jackson				
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions		
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions		
			g		6/22/2018	K. Jackson				
			h		7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions		
			i		7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions		
			j		8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions		
			k		8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions		
			l		9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions		
			m		9/18/2018	K. Jackson				
			01051		Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson
01051-2		Pre-Construction Topographic Survey		4/10/2018		R. West	4/11/2018	Resubmit with Revisions		
	a			4/13/2018		K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
b	4/26/2018	K. Jackson		5/1/2018			<i>Not Subject to Review</i>			
01051-3		South Lawn Area Excavation Check Through 05/15/18		5/22/2018						
01051-4		North Lawn Area Pre-Construction Topographic Survey				5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
	a			7/10/2018		K. Jackson	7/23/2018	Approved as Noted		
	b			8/3/2018		K. Jackson	8/10/2018	Resubmit with Revisions		
	c			8/9/2018		K. Jackson	8/10/2018	Resubmit with Revisions		
d	8/10/2018	K. Jackson		8/10/2018		Approved				
01051-5		South Lawn Area Post-Excavation Survey (Partial)		6/6/2018		K. Jackson	6/8/2018	Approved		
01051-6		South Lawn Area Post-Excavation Survey		6/13/2018		K. Jackson	6/20/2018	Resubmit with Revisions		
01051-7		Planter Box Survey Data				7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions	
	a			7/13/2018		K. Jackson				
b	7/31/2018	K. Jackson		9/19/2018		Approved				
01051-8		South Lawn Backfill Survey through July 19, 2018		7/23/2018		K. Jackson	7/30/2018	Approved		
01051-9		South Lawn Backfill Survey through July 24, 2018				7/31/2018	K. Jackson	8/1/2018	Approved	
	a			8/3/2018		K. Jackson	9/19/2018	Approved		
01051-10		Planter Box Backfill Volumes	8/13/2018	K. Jackson	9/19/2018	Approved				
01051-11		South Lawn Area Topsoil Survey through August 8, 2018 South Lawn Area Topsoil Survey through August 21, 2018		8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions			
	a		8/22/2018	K. Jackson	8/24/2018	Approved				
01051-12		North Lawn Area Proposed Stakeout Plan	9/13/2018							
01051-13		Survey Instrument Certifications								
01051-14		Permanent Survey Control Monuments								
01051-15		Record Survey Drawings								
01051-16		Survey Field Notes and Records								
01051-17+		Survey Data and Maps for On-Site Work								
01051-18+		Sample Location Data								

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			b		3/2/2018	K. Jackson	3/5/2018	Approved		
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
		01300-2		RFI Template	a	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved		
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions		
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions		
			c		3/22/2018	G. Kisluk	3/22/2018	Approved		
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	9/19/2018	Approved		
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	9/19/2018	Approved		
		01400-4		Documentation Samples PLANTER-DOC-1 though PLANTER-DOC-10 – Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions		
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	8/31/2018	G. Kisluk	9/19/2018	Approved		

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01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	9/19/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	9/19/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	9/19/2018	Approved	
01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	9/19/2018	Approved			
01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	9/19/2018	Approved			
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	9/19/2018	Approved			

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01730	Vibration	01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	9/19/2018	Approved	
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	9/19/2018	Approved	
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	9/19/2018	Approved	
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	9/19/2018	Approved	
		01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	9/19/2018	Approved	
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	9/19/2018	Approved	
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	9/19/2018	Approved	
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	9/19/2018	Approved	
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	9/19/2018	Approved	
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson	9/19/2018	Approved	
		01730-65		Crack Gauge Inspection Report - 08/16/18	9/18/2018	K. Jackson			
		01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18	9/18/2018	K. Jackson			
		01730-67		Crack Gauge Inspection Report - 08/30/18	9/18/2018	K. Jackson			
		01730-68		Crack Gauge Inspection Report - 09/06/18	9/18/2018	K. Jackson			
		01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18	9/18/2018	K. Jackson			
		01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18	9/18/2018	K. Jackson			
		01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18	9/18/2018	K. Jackson			
		01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18	9/18/2018	K. Jackson			
		01730-73		Optical Settlement Monitoring Report #30 - 8/24/18	9/18/2018	K. Jackson			
		01730-74		Optical Settlement Monitoring Report #31 - 8/31/18	9/18/2018	K. Jackson			
		01730-75		Optical Settlement Monitoring Report #32 - 9/7/18	9/18/2018	K. Jackson			
		01730-76		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					

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02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-3		PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
			a		8/24/2018	K. Jackson	8/28/2018	Approved	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	9/19/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	9/19/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
02230-9		Decon Rinsate Profile	9/7/2018	M. Haggerty	9/12/2018	Approved			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	9/19/2018	Approved	
		02300-6		Sample Location Sketch					
		02300-7		Final Grading Plan					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
02508	Community Air Monitoring Program	02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
			a		6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
		02508-7		Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions	
			a		6/19/2018	K. Jackson	6/21/2018	Approved	
02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved			
02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	9/19/2018	Approved			
02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved			
02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved			
02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	9/19/2018	Approved			

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		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	9/19/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	9/19/2018		
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson			
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/27/2018	K. Jackson	4/5/2018	Resubmit with Revisions	
			c		4/6/2018	K. Jackson	4/23/2018	Resubmit with Revisions	
			d		4/24/2018	K. Jackson	5/3/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B. Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
			a	Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
					9/17/2018				

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

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DESIGNATED FACILITY

LIO = Liotta and Sons  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	



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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

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										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	N	N	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	N	N			1	016327593JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			2	016327599JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	N	N			3	016327597JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	N	N			4	016327600JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			5	016327601JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			6	016327595JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			7	016327594JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			8	016327607JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	N	N			9	016327606JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			10	016327596JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			103	1254715	

**MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM**

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			112	1254728	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	N	N			118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			119	1254862	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	N	N			126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N			127	1254797	

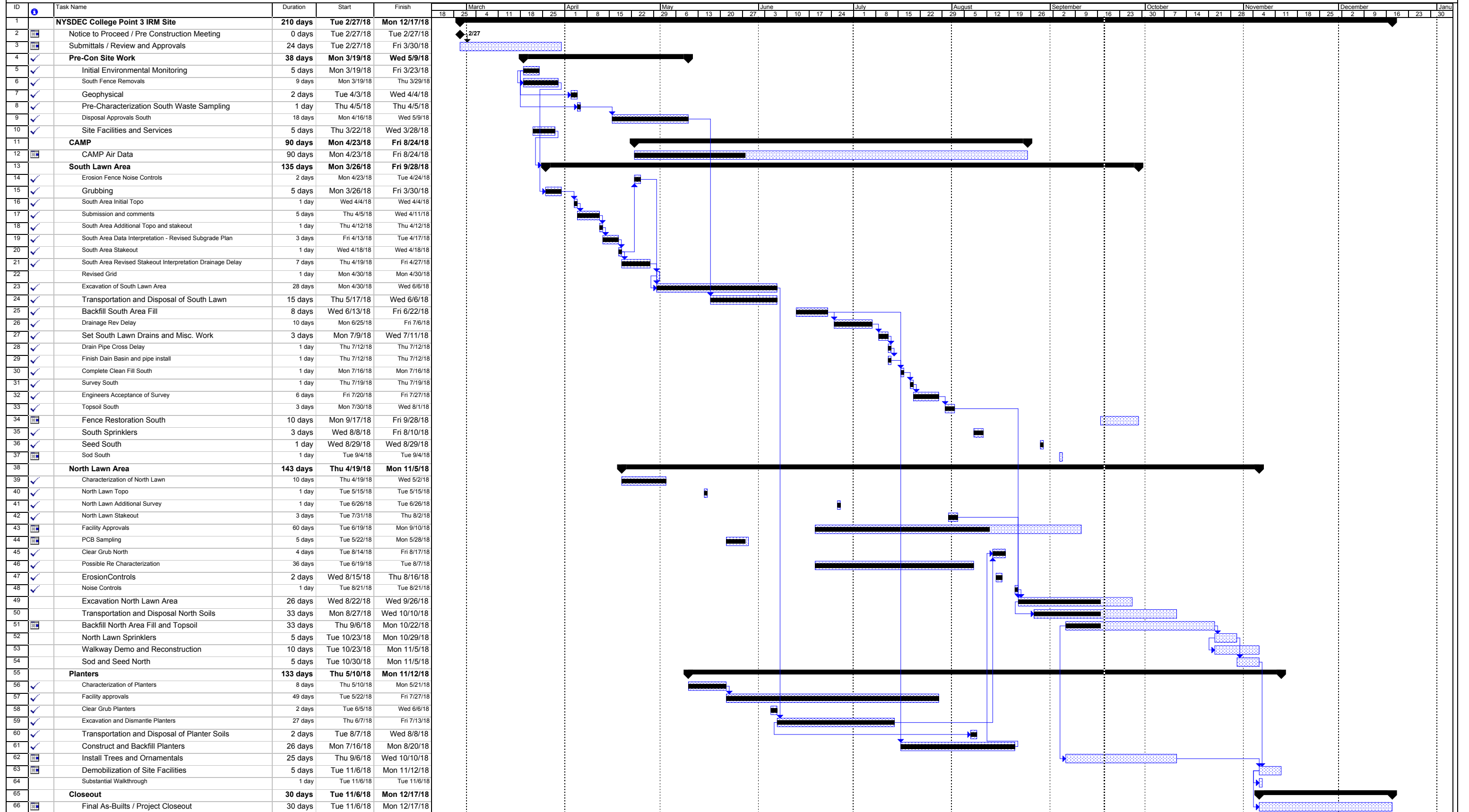
**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**



**ATTACHEMENT C:**  
**PROJECT PROGRESS SCHEDULE**

NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY



Project: COLLEGE POINT IRM 3    Date: Tue 9/18/18

Task: [Solid Bar]    Progress: [Dotted Bar]    Summary: [Thick Solid Bar]    Rolled Up Split: [Thin Solid Bar]    Rolled Up Progress: [Dotted Bar]    Project Summary: [Thick Solid Bar]    Deadline: [Arrow]    Split: [Dotted Bar]    Milestone: [Diamond]    Rolled Up Task: [Thick Solid Bar]    Rolled Up Milestone: [Diamond]    External Tasks: [Thin Solid Bar]    External Milestone: [Diamond]

PROJECT PROGRESS MEETING No. 14 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, October 3, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone; on standby)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 12 on 09/18/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 13. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 12 are now deemed final. URS distributed the minutes from Progress Meeting No. 13 on 10/02/18. M. Rose stated that he has not had a chance to review the minutes from Progress Meeting No. 13. The minutes from Progress Meeting No. 13 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac performed surveying in the North Lawn Area, continued backfilling in the North Lawn Area, placed topsoil in the North Lawn Area, continued Cove Court, Capstan Court, and Riviera Court Plantings, loaded out North Lawn Area soils for offsite disposal, continued excavation in the North Lawn Area, and began the North Lawn Area Walkway Restoration.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on collecting North Lawn Area Documentation Samples, beginning the South Lawn Area fence installation, continuing to backfill the North Lawn Area, continuing to place topsoil in the North Lawn Area, completing the South Lawn Area Garden Plantings, continuing to load out North Lawn Area soils for disposal, continuing the North Lawn Area excavation, loading out the Delineation (orphan) Pile for disposal, disposal of the drums containing water from the UST and the materials from the PCB decontamination, continuing the North Lawn Area Walkway restoration, installing the North Lawn Area Irrigation System, Installing Sod in the North Lawn Area, completing North Lawn Area light repairs, and completing the well abandonments.*



*M. Rose stated that the 6 ft. high vinyl fence will be installed first in the South Lawn Area. He also stated that his fence sub-subcontractor informed him that there is a lead time on ordering the 3 ft. beige vinyl fence. He stated that his sub-subcontractor could obtain white 3 ft. vinyl fence more quickly. Meeting parties agreed that 3 ft. beige vinyl fence should be installed as was originally present onsite.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 10/02/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 09/28/18. The Substantial Completion Date on the latest schedule is Tuesday 11/06/18, the same Substantial Completion Date as the previous schedule submission. EnviroTrac is still on schedule. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

**6. Submittals**

*Submittal Log Attached (Attachment A)*

*Peter from Pacific Lawn Sprinklers dropped off a revised submittal onsite for the South Lawn Area Irrigation System As-Built Drawing on 09/17/18. URS' irrigation system specialist, Dale Morehouse, reviewed the submittal and did not take exception to it. The submittal will be approved.*

*K. Jackson checked the project records and confirmed that the crack reports from the weeks ending August 3, 2018 and August 10, 2018 are still outstanding. EnviroTrac must also submit weekly vibration, settlement, and crack monitoring reports for dates beyond September 7, 2018. EnviroTrac will submit the reports.*

*EnviroTrac submitted the Monthly Community Air Monitoring Report for September on 10/01/18. K. Jackson will review the report and provide comments as necessary.*

*LKMA submitted the calculation for the volume of backfill in the Cove Court and Capstan Court Planter Boxes to EnviroTrac on 10/02/18. URS will review and provide comments as necessary.*

*On 10/02/18, LKMA submitted the survey for the North Lawn Area Excavation through 09/27/18. URS will review and provide comments as necessary.*

*On 10/02/18, LKMA submitted the survey for the North Lawn Area Backfill through 09/27/18. URS will review and provide comments as necessary.*

*K. Jackson directed EnviroTrac to continue to submit Electronic Data Deliverables (EDDs) and Category B Deliverables for the project. K. Jackson will provide EnviroTrac with a list of Electronic Data Deliverables (EDDs) and Category B Deliverables that are still outstanding.*

*K. Jackson stated that, per the Contract Documents, EnviroTrac is required to submit*

*a Restoration Work Plan, which provides details of the fence and pavement restoration onsite. A component of the Restoration Work Plan is cut sheets on the fence materials. Cut sheets on the fence materials must be approved prior to the installation of the fence onsite. EnviroTrac will submit cut sheets on the fence materials.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*URS issued Field Order No. 19 to EnviroTrac on 09/27/18, providing direction for the North Lawn Area excavation near the eastern wall of Building 1. K. Jackson printed the Field Order and meeting parties held a discussion regarding the excavation. Meeting parties had a clear understanding of the intent of the Field Order at the conclusion of the discussion. K. Jackson stated that EnviroTrac operator Kenneth Davies recommended placing decorative boulders along the eastern wall of Building 1 for added stability. M. Haggerty stated that he would speak with Villas at Riverview Property Manager Michael Jennings about placing the boulders.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*K. Jackson stated that both C. Dusel and M. Haggerty have reviewed Change Order No.1 and provided comments. K. Jackson has incorporated those comments and provided hard copies of the Change Order (less the attachments) to M. Rose and M. Alliegro today. K. Jackson will e-mail Change Order No.1 with attachments to EnviroTrac. The value of Change Order No. 1 is \$104,999.46.*

*K. Jackson stated that EnviroTrac still needs to submit PCO No. 11, which includes costs for the transportation and disposal of the PCB soils. M. Rose said that he has completed PCO No. 11 and will submit it.*

*K. Jackson stated that EnviroTrac still needs to submit the PCO for the transportation and disposal of the Delineation (Orphan) Pile. EnviroTrac will submit the PCO.*

*K. Jackson stated that EnviroTrac still needs to submit the PCO for the time and materials effort for the installation of the additional course on the Cove Court and Capstan Court Planter Boxes and Islands. The cost for the sod installed at Islands COV 5A, COV 6A, and COV 20A will be included in this PCO. EnviroTrac will submit the PCO.*

*K. Jackson also stated that a PCO will be forthcoming from EnviroTrac for the abandonment of the SG points onsite, per Field Order No. 7.*

*Meeting parties held a general discussion regarding the abandonment of wells specified in the Contract Documents. Earlier this week, M. Alliegro informed K. Jackson that EnviroTrac intends to abandon the wells themselves. URS and the Department did not take exception to EnviroTrac performing the well abandonment themselves, as long as they are abandoned in accordance with NYSDEC Policy CP-43: Groundwater Monitoring Well Decommissioning Policy. M. Haggerty specified that the top 2 to 3 ft. of the well shall be removed during the abandonment. He stated that the 5 ft. of well specified to be removed in the guideline is excessive. M. Alliegro asked meeting parties their preference for the SG restoration. M. Haggerty stated that he would prefer not to use cold patch. C. Dusel recommended that EnviroTrac include the SG restoration with the pavement restoration.*

**11. Payment Applications**

*EnviroTrac submitted CAP No. 7 on 10/02/18 for \$273,689.36 URS will review and provide comments as necessary.*

**12. WBE/MBE Utilization**

*No WBE/MBE Utilization discussion was warranted for today's meeting.*

**13. Health and Safety**

*K. Jackson stated that warmer weather has returned to the site and reminded meeting parties to be mindful of insects.*

**14. Open Discussion**

- *EnviroTrac stated that fence restoration is tentatively scheduled to begin on Friday October 5, 2018.*
- *Meeting parties held a general discussion regarding the Delineation (orphan) Pile. K. Jackson stated that the pile is approximately 60 cubic yards (80 tons). M. Rose stated that the waste profile was submitted on Wednesday 09/26/18 and there is a 10-day review period at the PADEP. The end of that 10-day review period is Wednesday 10/10/18. M. Rose hoped to schedule trucks 24 hours after the approval is received. URS and the Department would prefer that EnviroTrac not double-handle the Orphan Pile as they complete the remaining portions of the North Lawn Area Excavation, but granted permission for EnviroTrac to relocate the pile if it is necessary.*
- *M. Rose stated that he did explore loading the Orphan Pile into rolloffs and staging it offsite, but this activity would be cost-prohibitive. He estimated that 4-5 rolloffs would be required to transport the pile due to bridge restrictions on the volume that can be transferred per truck.*
- *EnviroTrac stated that they want to begin South Lawn Area Plantings after the 3 ft. vinyl fencing is installed. K. Jackson will coordinate scheduling of plantings*

*with South Lawn Area residents.*

- *The five drums of oily water generated from emptying the underground storage tank that was discovered in the North Lawn Area have been sampled and profiled.*
- *One drum of PCB decontamination materials was generated from decontaminating the excavator used to complete the PCB Soils Excavation. K. Jackson could not recall receiving the waste profile and analytical data for the drum from EnviroTrac. M. Rose reminded K. Jackson that EnviroTrac had submitted the waste profile to URS for signature. There was the issue of classifying the drum contents as solids versus liquids at the time that the drum was profiled. K. Jackson will double-check project records to verify that the drum profile was received.*
- *K. Jackson reminded EnviroTrac that there are additional North Lawn Area delineation samples to collect. EnviroTrac will collect the samples.*
- *K. Jackson stated that excavation must be completed around the trees specified to be protected in the Contract Documents on the eastern side of the North Lawn Area. M. Alliegro responded that EnviroTrac will hand dig and use an air knife to excavate around the trees.*
- *K. Jackson stated that crack gauges 5A, 6A, 7A, and 8A, located on the eastern side of Building 1 in the North Lawn Area, continue to expand and contract. URS will continue to monitor these crack gauges.*
- *M. Rose stated that he is working on bringing a pavement sub-subcontractor to the site to assess the pavement repair for Capstan Court. C. Dusel stated that the Pavement Contractor who is currently onsite performing work for Condo 3 stated that the price for asphalt is approximately \$100/ton. His truck holds 7 tons of material and the asphalt plant that he uses is located in College Point. He stated that he would key into the existing pavement on Capstan Court and place the new pavement in lifts.*
- *K. Jackson reminded meeting parties that the NYCDOB Plumbing Permit still needs to be pulled for the Eastern South Lawn Area Yard Drain. M. Rose stated that he will keep trying daily to get a proposal from McManus Heating, Cooling, and Plumbing for the service.*
- *K. Jackson reminded EnviroTrac to include three Ivory Halo Plants for the resident at 120-29 Riviera Court in their plant order for the North Lawn Area. EnviroTrac will order the plants.*
- *K. Jackson directed EnviroTrac to submit a layout sketch for the North Lawn Area Irrigation System similar to the sketch that was prepared for the South Lawn Area Irrigation System.*
- *Meeting parties held a general discussion about the need for additional topsoil*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 14  
Page 6**

*and seeding at random locations across the Cove Court and Capstan Court Islands. EnviroTrac will spot seed and topsoil the Islands as necessary. EnviroTrac will also water the Cove Court, Capstan Court, and Riviera Court Planter Boxes as necessary.*

- *EnviroTrac began mowing the South Lawn Area Sod today, but the transmission malfunctioned on the mower. EnviroTrac will repair the mower and complete South Lawn Area Sod mowing.*
- *Meeting parties discussed the browning sod near the Riviera Court loading platform. M. Alliegro stated that some new sod was placed near the platform with the delivery for the sod for Islands COV 5A, COV 6A, and COV 20A. EnviroTrac will replace remaining browning sod as necessary.*
- *K. Jackson stated that he spoke with Villas at Riverview Property Manager Michael Jennings and he stated that he did not want the chain-link fence with brown privacy slats replaced along the Riviera Court entrance. He also stated that he would like to keep the chain-link mesh that EnviroTrac installed on the boundary of the South Lawn Area and the Soundview Property that was open prior to mobilization.*
- *URS and the Department informed EnviroTrac that they are willing to let them attempt to use concrete sand as the setting bed for the asphalt pavers in the North Lawn Area Walkway Restoration. The goal for EnviroTrac is to reuse the existing pavers to the extent possible. Prior to today's meeting, URS and the Department also pointed out a small area in the walkway located to the east of the Walkway Restoration Area in the Contract that they would like to be restored. EnviroTrac will restore the eastern North Lawn Area Walkway Area.*
- *K. Jackson showed meeting parties a picture of the patio at South Lawn Area Yard 11 after a heavy rain event onsite. Ponding was present at the western portion of the patio. Meeting parties agreed that the patio should be monitored while construction is being performed onsite, but that no action should be taken.*
- *K. Jackson requested that EnviroTrac submit the survey of the South Lawn Area Sod that was completed by LKMA on Tuesday 09/18/18. The survey is required for payment. EnviroTrac will submit the survey.*
- *K. Jackson stated that EnviroTrac must install a J-Plug at the restored wellhead at monitoring well EB-45/DEC-25. He also stated that the complete wellhead restoration must be completed at monitoring well EB-47/DEC-30. EnviroTrac will complete the tasks.*
- *K. Jackson stated that EnviroTrac completed the stenciling on Cove Court on 10/02/18. The stenciling on Capstan Court and Riviera Court remains to be completed. EnviroTrac will complete the stenciling.*
- *K. Jackson stated that Planter Box RIV 14, the northeastern most Planter Box on*

*Riviera Court, remains to be excavated. M. Alliegro stated that that excavation will likely need to be completed by hand. There are a lot of utilities located in that Planter Box. EnviroTrac will complete the excavation.*

- *K. Jackson stated that Villas at Riverview Condo Presidents Brian Freeman and Clinton Haynes requested that EnviroTrac install Condo-supplied drip lines for 26 Planter Boxes on Riviera Court. M. Haggerty asked EnviroTrac how long it would take to install the drip lines. M. Alliegro estimated that it would take two laborers, two full days each to complete the work. EnviroTrac stated that there were other tasks onsite that they would like to prioritize ahead of this work. M. Haggerty did not take exception to granting the request today. M. Haggerty stated that he would discuss the matter with M. Jennings.*
- *EnviroTrac has connected the drip line in Riviera Court Island RIV BLDG N1 to the spigot behind the residence at RIV 15. There is currently no water coming from the spigot when it is turned on. EnviroTrac will take a closer look at the spigot to see if it can be repaired.*
- *M. Haggerty requested that EnviroTrac spray weed killer on weeds coming out of the pavement at Planter Boxes and Islands on Cove Court, Capstan Court, and Riviera Court. EnviroTrac will complete this task.*
- *M. Haggerty stated that he will speak with Michael Jennings regarding possible restoration work to the D.I .located immediately to the west of the Riviera Court loading platform.*
- *K. Jackson stated that during a heavy rain event onsite on Tuesday 09/25/18 a Clean Earth of Bethlehem truck driver returned to the site to get loaded after EnviroTrac had left the site for the day. The driver left the site with a “NO LOAD” manifest. K. Jackson reminded EnviroTrac to stay in constant communication with the truck drivers while onsite.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Address comments on South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Check on the status of the weekly crack monitoring report from the week ending 08/03/18.*
  - *Submit copies of the weight tickets and signed manifests for the PCB Soils once he receives the better copies.*
  - *Obtain additional information from Innovating Recycling Technologies regarding Bayshore Soil Management. – **No Longer Required***
  - *Submit formal proposal for plumbing permit services from McManus Plumbing, Heating, and Cooling.*
  - *Inspect sod on the western side of the Riviera Court platform. – **Completed***

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- *Provide an estimate for pavement repair on Capstan Court.*
- *Place additional topsoil in the southern half of Island CAP 4A. – **Completed***
- *Place sod in Islands COV 5A, COV 6A, and COV 20A – **Completed***
- *Complete Cove Court, Riviera Court, and Capstan Court Stenciling – **Partially Completed***
  
- **URS**
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Review and respond to Revised South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Review and comment on weekly vibration, crack, and settlement monitoring reports from through the week ending 09/07/18. – **Completed***
  - *Double-check on the submittal status of the weekly crack monitoring report for the week ending 08/10/18. – **Completed***
  - *Approve August Monthly Community Air Monitoring Report. – **Completed***
  - *Provide dates of surveys to EnviroTrac so that Cove Court and Capstan Court Planter Box Backfill Volumes can be calculated.*
  - *Approve EDD for the PCB Soils Excavation Delineation samples. – **Completed***
  - *Send a draft of Change Order No. 1 to EnviroTrac once URS and the Department have completed their review.*
  - *Engage South Lawn Area residents regarding their yard plantings.*
  - *Ask Villas Property Manager Michael Jennings about South Lawn Area Fences. – **Completed***
  - *Discuss Island 4A brick placement with Allen Hsu.*
  - *Ask Villas President Michael Jennings if he wants the old 6 ft. vinyl fencing. – **Completed***
  
- **NYSDEC**
  - *Review Change Order No. 1 with URS. – **Completed***
  - *Speak with Gerard Burke regarding the disposal of the Delineation Pile at Bayshore Soil Management. – **Completed***
  - *Look for materials regarding existing South Lawn Area pipes. – **Completed***

**Current Action Items**

- **EnviroTrac**
  - *Submit outstanding vibration, crack, and settlement monitoring reports.*
  - *Continue to submit Electronic Data Deliverables (EDDs) and Category B Deliverables.*
  - *Submit cut sheets on the fence materials.*
  - *Submit PCO No. 11.*
  - *Submit PCO for the Delineation (Orphan) Pile.*
  - *Submit PCO No. 14.*
  - *Collect additional North Lawn Area delineation samples.*
  - *Excavate around eastern North Lawn Area trees specified to be protected in the Contract Documents.*

- *Bring a pavement sub-subcontractor to the site to assess the pavement repair on Capstan Court.*
- *Obtain proposal from McManus Heating, Plumbing, and Cooling for pulling NYCDOB Plumbing Permit.*
- *Include three Ivory Halo Plants in order with North Lawn Area Plants.*
- *Submit Layout Sketch for North Lawn Area Irrigation System.*
- *Seed, topsoil, and water the Cove Court, Capstan Court, and Riviera Court Planter Boxes and Islands as necessary.*
- *Complete South Lawn Area Sod mowing.*
- *Replace browning South Lawn Area sod as necessary.*
- *Restore the eastern North Lawn Area Walkway Area.*
- *Submit South Lawn Area Sod Survey.*
- *Add J-Plug to restored wellhead at EB-45/DEC-25.*
- *Complete wellhead restoration at well EB-47/DEC-30.*
- *Complete stenciling on Capstan Court and Riviera Court.*
- *Complete excavation of Planter Box RIV 14.*
- *Investigate the spigot at behind the residence at Planter Box RIV 15.*
- *Spray weed killer on Cove Court, Capstan Court, and Riviera Court.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Issue Approval for South Lawn Area Irrigation System As-Built Drawing.*
  - *Review Cove Court and Capstan Court Planter Box Volume Calculation.*
  - *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs) and Category B Deliverables.*
  - *E-mail Change Order No. 1 with Attachments to EnviroTrac.*
  - *Review and provide comments on CAP No. 7.*
  - *Double check project records to confirm that waste profile for drum containing PCB decontamination materials was submitted.*
  - *Continue to monitor crack gauges on the eastern end of Building 1.*
  
- **NYSDEC**
  - *Speak with Michael Jennings regarding placing decorative boulders along Building 1.*
  - *Speak with Michael Jennings about the installation of drip lines in the individual Riviera Court Planter Boxes.*
  - *Speak with Michael Jennings about the restoration of the D.I. located to the west of the Riviera Court loading platform.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 15 was scheduled for Wednesday, October 17, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:17 pm.*



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Project Progress Meeting 14  
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*ATTACHMENTS:*

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 14 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, October 3, 2018; 10:00 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**





- **Electronic Data Deliverables**

- **Category B Deliverables**

- **Restoration Plan/Fence Materials**

**6. RFIs/Field Orders**

- **Field Order No. 19 – Excavation Near Eastern Side of Building 1**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **Change Order No. 1**

- **PCO – PCB Soils T&D**

- **PCO – Delineation (Orphan Pile)**

- **PCO – Additional Planter Box Course**

- **PCO – SV Abandonments**

- 10. Payment Applications**
  - **Payment Application No. 7**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**
  - **Insects**





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Progress Meeting No. 14 Agenda  
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- **Underground Storage Tank Liquid Drums**
- **PCB Decontamination Materials Drum**
- **Documentation Sampling**
- **Excavation around five trees to be protected in Eastern North Lawn Area**















#### 14. Action Items

- *EnviroTrac*
  - *Address comments on South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Check on the status of the weekly crack monitoring report from the week ending 08/03/18.*
  - *Submit copies of the weight tickets and signed manifests for the PCB Soils once he receives the better copies.*
  - *Obtain additional information from Innovating Recycling Technologies regarding Bayshore Soil Management. – **No Longer Required***
  - *Submit formal proposal for plumbing permit services from McManus Plumbing, Heating, and Cooling.*
  - *Inspect sod on the western side of the Riviera Court platform. – **Completed***
  - *Provide an estimate for pavement repair on Capstan Court.*
  - *Place additional topsoil in the southern half of Island CAP 4A. – **Completed***
  - *Place sod in Islands COV 5A, COV 6A, and COV 20A – **Completed***
  - *Complete Cove Court, Riviera Court, and Capstan Court Stenciling – **Partially Completed***
  
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Review and respond to Revised South Lawn Irrigation System As-Built Drawing. – **Completed***
  - *Review and comment on weekly vibration, crack, and settlement monitoring reports from through the week ending 09/07/18. – **Completed***
  - *Double-check on the submittal status of the weekly crack monitoring report for the week ending 08/10/18. – **Completed***
  - *Approve August Monthly Community Air Monitoring Report. – **Completed***
  - *Provide dates of surveys to EnviroTrac so that Cove Court and Capstan Court Planter Box Backfill Volumes can be calculated.*
  - *Approve EDD for the PCB Soils Excavation Delineation samples. – **Completed***
  - *Send a draft of Change Order No. 1 to EnviroTrac once URS and the Department have completed their review.*
  - *Engage South Lawn Area residents regarding their yard plantings.*
  - *Ask Villas Property Manager Michael Jennings about South Lawn Area Fences. – **Completed***

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 14 Agenda  
Page 16**

- *Discuss Island 4A brick placement with Allen Hsu.*
- *Ask Villas President Michael Jennings if he wants the old 6 ft. vinyl fencing. – **Completed***
  
- *NYSDEC*
  - *Review Change Order No. 1 with URS. – **Completed***
  - *Speak with Gerard Burke regarding the disposal of the Delineation Pile at Bayshore Soil Management. – **Completed***
  - *Look for materials regarding existing South Lawn Area pipes. – **Completed***

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

Look Back

Date	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 13			X								
Survey North Grid		X									
Backfill North Area	X	X	X	X	X		X				
Topsoil North											X
Court Plantings	X	X	X	X	X		X	X	X		
North Lawn Soil Disposal	X		X	X			X	X	X	X	
North Lawn Excavation	X	X	X	X	X						
Walkway Restoration										X	X

Look Ahead

Date	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 14			X								
Doc Samples				X							
Survey North Grid							X			X	
Fence Installation					X		X	X	X	X	X
Backfill North Area			X	X	X					X	X
Topsoil North	X	X	X	X	X				X	X	
Garden Plantings											X
North Lawn Soil Disposal	X	X	X	X	X				X	X	X
North Lawn Excavation									X	X	X
Dilination Pile Disposal									X		
Drum Disposal									X		
Walkway Restoration							X	X	X		
Sprinkler North							X	X			
Sod North										X	X
Light Repairs	X	X	X	X							
Well Abandonments					X		X	X	X		

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: October 2, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: October 2, 2018 (9:10PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the		Completed on 8/29/18 and 09/04/18	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
17	08/02/18	<p>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</p>	08/17/18	Tree removed.	
19	09/27/18	<p>Rather than excavate the area to the west of Grade Stakes 1106, 1111, 1116, and 1121 (shown on the attached (North) Grid Stakeout Plan), EnviroTrac shall clear and grub the area in accordance with the Contract Documents and place 1 ft. of clean fill material. The material shall be graded to tie into the surrounding contours shown on the attached Contract Drawing C-008 - Final Grading Plan</p>			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<b>North Lawn Area. EnviroTrac shall minimize vibration and the use of heavy equipment during the completion of the work. The pre-construction topographic survey for the North Lawn Area has also been appended for reference.</b>			

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: October 2, 2018 (9:11PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day





## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: October 2, 2018 (9:11PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: October 2, 2018 (9:11PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: October 2, 2018 (9:11PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01035	Health and Safety	01035-1	a	Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions	
			b		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions	
			c		4/2/2018	W. Smith	4/9/2018	Approved	
					6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>
		01035-2	Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted	
		01040-2		Staging Areas and Contamination Reduction Zone					
		01040-3	a	Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
					3/8/2018	R. West	3/12/2018	Approved	
					4/17/2018	K. Jackson			
					4/27/2018	K. Jackson			
					5/9/2018	K. Jackson			
					5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions	
					6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions	
					6/22/2018	K. Jackson			
					7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions	
					7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions	
					8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions	
					8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions	
					9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions	
9/18/2018	K. Jackson	9/28/2018	Resubmit with Revisions						
10/2/2018	K. Jackson								
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
			b		4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
		01051-3		South Lawn Area Excavation Check Through 05/15/18	4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
					5/22/2018				
		01051-4	a	North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
					7/10/2018	K. Jackson	7/23/2018	Approved as Noted	
					8/3/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
					8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
		01051-5		South Lawn Area Post-Excavation Survey (Partial)	8/10/2018	K. Jackson	8/10/2018	Approved	
		01051-6		South Lawn Area Post-Excavation Survey	6/6/2018	K. Jackson	6/8/2018	Approved	
		01051-7	a	Planter Box Survey Data	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions	
					7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions	
		01051-8		South Lawn Backfill Survey through July 19, 2018	7/13/2018	K. Jackson			
		01051-9	a	South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	10/3/2018	Approved	
					7/23/2018	K. Jackson	7/30/2018	Approved	
		01051-10		Planter Box Backfill Volumes	8/3/2018	K. Jackson	10/3/2018	Approved	
		01051-11	a	South Lawn Area Topsoil Survey through August 8, 2018	8/13/2018	K. Jackson	10/3/2018	Approved	
					8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions	
		01051-12		South Lawn Area Topsoil Survey through August 21, 2018	8/22/2018	K. Jackson	8/24/2018	Approved	
01051-13		North Lawn Area Proposed Stakeout Plan	9/13/2018	K. Jackson					
01051-14		North Lawn Area Excavation Survey through September 27, 2018	10/2/2018	K. Jackson					
01051-15		North Lawn Area Backfill Survey through September 27, 2018	10/2/2018	K. Jackson					
01051-16		Planter Box Aboveground Backfill Volumes	10/2/2018	K. Jackson					
01051-17		Survey Instrument Certifications							
01051-18		Permanent Survey Control Monuments							
01051-19		Record Survey Drawings							
01051-20+		Survey Field Notes and Records							
				Survey Data and Maps for On-Site Work					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
		01051-21+		Sample Location Data						
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted		
01300	Submittals	01300-1		Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions		
			a		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
			b		3/2/2018	K. Jackson	3/5/2018	Approved		
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions		
		01300-2		RFI Template	a	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved		
01400	Sampling	01400-1		Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions		
			a		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions		
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions		
			c		3/22/2018	G. Kisluk	3/22/2018	Approved		
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	10/3/2018	Approved		
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	10/3/2018	Approved		
		01400-4		Documentation Samples PLANTER-DOC-1 through PLANTER-DOC-10 – Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions		
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	8/31/2018	G. Kisluk	10/3/2018	Approved		

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01510	Site Facilities and Services	01510-1	a	Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/14/2018	K. Jackson	5/15/2018	Approved as Noted	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	10/3/2018	Approved as Noted	
		01730-3		Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-4		Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7		Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-8		Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-9		Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-10		Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
			a		6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	10/3/2018	Approved	
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	10/3/2018	Approved	
01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	10/3/2018	Approved			
01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	10/3/2018	Approved			
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	10/3/2018	Approved			

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01730	Vibration	01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	10/3/2018	Approved	
		01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	10/3/2018	Approved	
		01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	10/3/2018	Approved	
		01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	10/3/2018	Approved	
		01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	10/3/2018	Approved	
		01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	10/3/2018	Approved	
		01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	10/3/2018	Approved	
		01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	10/3/2018	Approved	
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	10/3/2018	Approved	
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	10/3/2018	Approved	
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	10/3/2018	Approved	
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	10/3/2018	Approved	
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson	10/3/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson	10/3/2018	Approved	
01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson	10/3/2018	Approved			
01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson	10/3/2018	Approved			
01730-65		Crack Gauge Inspection Report - 08/16/18	9/18/2018	K. Jackson					
01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18	9/18/2018	K. Jackson					
01730-67		Crack Gauge Inspection Report - 08/30/18	9/18/2018	K. Jackson					
01730-68		Crack Gauge Inspection Report - 09/06/18	9/18/2018	K. Jackson					
01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18	9/18/2018	K. Jackson					
01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18	9/18/2018	K. Jackson					
01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18	9/18/2018	K. Jackson					
01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18	9/18/2018	K. Jackson					
01730-73		Optical Settlement Monitoring Report #30 - 8/24/18	9/18/2018	K. Jackson					
01730-74		Optical Settlement Monitoring Report #31 - 8/31/18	9/18/2018	K. Jackson					
01730-75		Optical Settlement Monitoring Report #32 - 9/7/18	9/18/2018	K. Jackson					
01730-76		Final Results Report							
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	



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02120	Erosion and Sediment Control		b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-3		PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
a	8/24/2018	K. Jackson	8/28/2018		Approved				
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	10/3/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	10/3/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
		02230-9		Decon Rinsate Profile	9/7/2018	M. Haggerty	9/12/2018	Approved	
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	10/3/2018	Approved	
		02300-6		Concrete Sand Sieve Analysis	10/2/2018	K. Jackson			
		02300-7		Sample Location Sketch					
		02300-8		Final Grading Plan					
02503	Restoration	02503-1		Restoration Work Plan					
		02503-2		Proposed Replacement Fence Materials					
		02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
					6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
02508-7	a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions			
			6/19/2018	K. Jackson	6/21/2018	Approved			

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02508	Community Air Monitoring Program	02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	10/3/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	10/3/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	10/3/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	10/3/2018		
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson	9/21/2018	Approved	
02508-26		Weekly Air Monitoring Report - 09/17/18 - 9/21/18	9/24/2018	K. Jackson	9/28/2018	Approved			
02508-27		Raw Monitoring Data - September 2018	10/1/2018	K. Jackson					
02508-28		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	10/1/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G.Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		c	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		d	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
				Detailed M/WBE-EEO Utilization Plan and Work Plan	6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
					2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
				Performance Bonds	4/19/2018	K. Jackson			
		a			2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
				Certificates of Insurance	3/19/2018	K. Jackson	4/2/2018	Approved	
				Revised Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Nyoplast ® Shop Drawings	2/28/2018	B. Orwat	3/1/2018	Approved	
					6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
				Irrigation System Layout Sketch	6/26/2018	K. Jackson	6/26/2018	Approved	
					8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
				Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
			a		9/17/2018	D. Morehouse	10/3/2018	Approved	

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										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

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06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	N	N			1	016327593JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			2	016327599JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	N	N			3	016327597JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	N	N			4	016327600JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			5	016327601JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			6	016327595JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			7	016327594JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			8	016327607JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	N	N			9	016327606JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			10	016327596JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61200	30.6	103	1254715	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lella Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54820	27.41	104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55200	27.6	105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55380	27.69	106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54260	27.13	107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54800	27.4	108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	66220	33.11	109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62440	31.22	110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61820	30.91	111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62180	31.09	112	1254726	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N		0	113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	N	N		0	114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55860	27.93	115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	45320	22.66	116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59280	29.64	117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55520	27.76	118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53140	26.57	119	1254802	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	52100	26.05	120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	50420	25.21	121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	57360	28.68	122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53840	26.92	123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62480	31.24	124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59380	29.69	125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59300	29.65	126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	63020	31.51	127	1254797	
09/17/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53400	26.7	128	1691353	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47280	23.64	129	1254796	
09/19/18	TONS	NJ AU568E	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46340	23.17	130	1254795	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52540	26.27	131	1691262	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51860	25.93	132	1691261	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55820	27.91	133	1691259	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46920	23.46	134	1691260	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	59540	29.77	135	1691258	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46100	23.05	136	1691251	
09/19/18	TONS	NJ AT862D	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53540	26.77	137	1691257	
09/19/18	TONS	NJ AU568C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51980	25.99	138	1691253	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47700	23.85	139	1254794	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49460	24.73	140	1254793	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	56640	28.32	141	1254791	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	45680	22.84	142	1691255	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54180	27.09	143	1691254	
09/19/18	TONS	NJ AU399C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	48240	24.12	144	1691252	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49540	24.77	145	1691256	
09/19/18	TONS	NJ AS687P	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55980	27.99	146	1254792	
09/20/18	TONS	NJ AS375X	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	44700	22.35	147	1691222	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51680	25.84	148	1691221	
09/20/18	TONS	NJ AU963D		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51480	25.74	149	1817626	
09/20/18	TONS	NJ AT374N		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51360	25.68	150	1817627	
09/20/18	TONS		AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49100	24.55	151	1817625	
09/20/18	TONS	NJ AT491P		22	CE	North Lawn Area N3 Soil	NH	Y	Y	52900	26.45	152	1817624	
09/20/18	TONS	NJ AS688P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53500	26.75	153	1817623	
09/20/18	TONS	NJ AS687P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52920	26.46	154	1817622	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51960	25.98	155	1817621	
09/20/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52200	26.1	156	1817620	
09/20/18	TONS	NJ AT379N	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51820	25.91	157	1817619	
09/20/18	TONS	NJ AS921D	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	50040	25.02	158	1817618	
09/20/18	TONS	NJ AU962D	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54140	27.07	159	1817617	
09/20/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53160	26.58	160	1817616	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N		0	161	1817615	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N		0	162	1817614	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N		0	163	1817613	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N		0	164	1817612	
09/24/18	TONS	NJ AU641U	URI	22	CE	North Lawn Area N3 Soil	NH	N	N		0	165	1817610	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N		0	166	1817610	
09/24/18	TONS	NJ AU963D	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N		0	167	1817609	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N		0	168	1817608	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N		0	169	1817606	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N		0	170	1817607	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lelia Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Transporter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N		0	171	1817605	
09/24/18	TONS	NJ AU641D	URI	22	CE	North Lawn Area N3 Soil	NH	N	N		0	172	1817604	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N		0	173	1817603	
09/25/18	TONS	NJ AT585X	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N		0	174	1817602	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N		0	175	1817601	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N		0	176	1817600	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N		0	177	1817599	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N		0	178	1817598	
09/25/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N		0	179	1817597	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N		0	180	1817596	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N		0	181	1817595	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N		0	182	1817594	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N		0	183	1817593	
09/25/18	TONS	NJ AS859P	SHR	22	CE	NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD	NH	N	N		0	184	1817592	
09/27/18	TONS	NJ AU418L	BRA	22	CE	North Lawn Area N3 Soil	NH	N	N		0	185	1817591	
09/27/18	TONS	NJ AR629H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N		0	186	1817590	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	187	1817589	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	188	1817588	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	189	1817587	
09/27/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N		0	190	1817586	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	191	1817585	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	192	1817584	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	193	1817583	
09/27/18	TONS	NJ AU418C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N		0	194	1817582	
10/02/18	TONS	NJ AT713P	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N		0	195	1673562	
10/02/18	TONS	NJ NS944	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N		0	196	1622898	
10/02/18	TONS	NJ AL794W	CF	22	CE	North Lawn Area N2 Soil	NH	N	N		0	197	1817580	
10/02/18	TONS	NJ AS137R	CF	22	CE	North Lawn Area N2 Soil	NH	N	N		0	198	1817581	



**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

Look Back

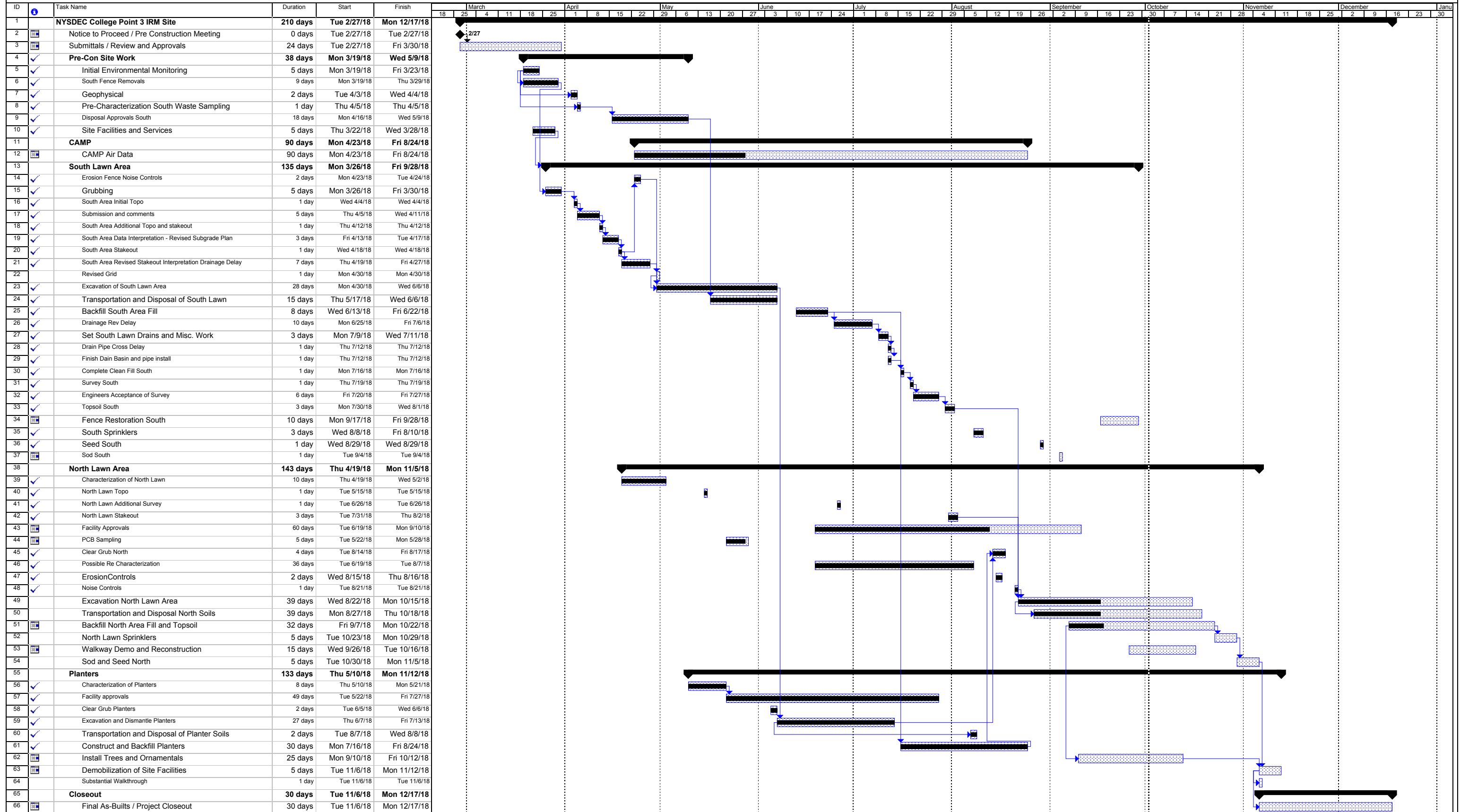
Date	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 13			X								
Survey North Grid		X									
Backfill North Area	X	X	X	X	X		X				
Topsoil North											X
Court Plantings	X	X	X	X	X		X	X	X		
North Lawn Soil Disposal	X		X	X			X	X	X	X	
North Lawn Excavation	X	X	X	X	X						
Walkway Restoration										X	X

Look Ahead

Date	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 14			X								
Doc Samples				X							
Survey North Grid							X			X	
Fence Installation					X		X	X	X	X	X
Backfill North Area			X	X	X					X	X
Topsoil North	X	X	X	X	X				X	X	
Garden Plantings											X
North Lawn Soil Disposal	X	X	X	X	X				X	X	X
North Lawn Excavation									X	X	X
Dilination Pile Disposal									X		
Drum Disposal									X		
Walkway Restoration							X	X	X		
Sprinkler North							X	X			
Sod North										X	X
Light Repairs	X	X	X	X							
Well Abandonments					X		X	X	X		

**ATTACHMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3    Date: Tue 10/2/18

Task:    Progress:    Summary:    Milestone:    Rolled Up Task:    Milestone:    Rolled Up Milestone:    External Tasks:    External Milestone:    Deadline:

PROJECT PROGRESS MEETING No. 15 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, October 17, 2018; 10:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS (via telephone)*

*Michael Rose – EnviroTrac*

*Michael Alliegro - EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 13 on 10/02/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 14. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 13 are now deemed final. URS distributed the minutes from Progress Meeting No. 14 on 10/16/18. M. Rose stated that he had not had a chance to review the minutes prior to today's meeting. The minutes from Progress Meeting No. 14 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac collected North Lawn Area Documentation Samples, began the South Lawn Area fence installation, continued to backfill the North Lawn Area, continued to place topsoil in the North Lawn Area, continued to load out North Lawn Area soils for disposal, completed a survey of the North Lawn Area, continued the North Lawn Area excavation, continued the North Lawn Area Walkway restoration, began installation of the North Lawn Area Irrigation System, and began North Lawn Area light repairs.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on collecting additional North Lawn Area Documentation Samples, continuing the South Lawn Area fence installation, surveying the North Lawn Area, continuing to backfill the North Lawn Area, continuing to place topsoil in the North Lawn Area, completing the South Lawn Area Garden Plantings, continuing to load out North Lawn Area soils for disposal, continuing the North Lawn Area excavation, loading out the Delineation (orphan) Pile for disposal, disposal of the drums containing water from the UST and*

*the materials from the PCB decontamination, continuing the North Lawn Area Walkway restoration, continuing the installation of the North Lawn Area Irrigation System, installing Sod in the North Lawn Area, completing North Lawn Area light repairs, completing the North Lawn Area Plantings, and completing the well abandonments.*

*M. Rose stated that the delineation (orphan) pile was loaded out for offsite disposal today. He also stated that EnviroTrac received the bulk of the South Lawn Area Garden and North Lawn Area Plants today.*

## **5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 10/16/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 10/02/18. The Substantial Completion Date on the latest schedule is Tuesday 11/06/18, the same Substantial Completion Date as the previous schedule submission. EnviroTrac is still on schedule. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

*M. Alliegro stated that he would like to hydroseed the North Lawn Area first and then place the sod down. He would like to place the mulch down in the North Lawn Area planting beds after the hydroseeding is completed. EnviroTrac would like to hydroseed the North Lawn Area in the middle of next week.*

## **6. Submittals**

**Submittal Log Attached (Attachment A)**

*K. Jackson stated that EnviroTrac must still submit a sketch of the layout for the North Lawn Area Irrigation System. EnviroTrac will submit the sketch. M. Alliegro stated that North Lawn Area Irrigation System installation began on 10/11/18, but their work day was cut short by rain onsite.*

*K. Jackson stated that weekly crack reports from the weeks ending August 3, 2018 and August 10, 2018 and weekly vibration, settlement, and crack monitoring reports for dates beyond September 7, 2018 are still outstanding. M. Rose stated that he has received some of the reports and will submit them this afternoon.*

*EnviroTrac submitted a North Lawn Area Excavation Survey through October 10, 2018 on 10/12/18. K. Jackson has confirmed that the Contract grades have been met and the survey will be approved.*

*EnviroTrac resubmitted Planter Box Aboveground Backfill Volumes on 10/10/18 to address URS' comments on their original submittal. K. Jackson stated that the topographic survey of the planter boxes from 08/08/18 must still be provided to close out the submittal. EnviroTrac will provide the survey.*

*EnviroTrac submitted a North Lawn Area Backfill Survey through October 10, 2018*

**College Point 3 Interim Remedial Measure  
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*on 10/12/18. K. Jackson has confirmed that the Contract grades have been met and the survey will be approved.*

*EnviroTrac submitted a North Lawn Area Topsoil Survey through October 10, 2018 on 10/12/18. LKMA used old data in the Survey for some of the western elevations. K. Jackson and LKMA confirmed in the field that Contract grades were met for those locations. URS will provide comments to EnviroTrac on the survey.*

*K. Jackson stated that there are still some Electronic Data Deliverables (EDDs) outstanding. K. Jackson will provide EnviroTrac with a list of outstanding EDDs. M. Rose stated that ChemTech has been unsatisfactory in providing deliverables in a timely manner. M. Alliegro stated that ChemTech has also been unsatisfactory in picking up samples from the site on time.*

*K. Jackson stated that there are also some Category B deliverables outstanding. K. Jackson will provide EnviroTrac with a list of outstanding Category B deliverables.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

None

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*K. Jackson stated that Change Order No. 1 has been reviewed and approved by URS, the Department, and EnviroTrac and is ready for signatures from EnviroTrac and the Department. K. Jackson will provide a hard copy of the Change Order to EnviroTrac for signatures.*

*K. Jackson stated that EnviroTrac still needs to submit weight tickets for the transportation and disposal of soils so that the review of PCO No. 11, which includes costs for the transportation and disposal of the PCB soils, can be finalized. M. Rose stated that he will submit the weight tickets. He stated that the original copies of weight tickets that EnviroTrac received were illegible.*

*C. Dusel stated that EnviroTrac must submit their time logs to support labor costs in PCO No. 13, which includes the costs for the placement of additional courses on the Cove Court and Capstan Court Planter Boxes. K. Jackson stated the receipts for the additional timbers used must also be submitted. K. Jackson also stated that one load of topsoil will also be added to the PCO before it is finalized.*

*EnviroTrac stated that they plan on submitting a PCO for the gate that was installed*

*in the 6 ft. vinyl fence in the South Lawn Area. URS will review the PCO upon receipt.*

*EnviroTrac also stated that they plan on submitting a PCO for the isolation valve that was installed on the Irrigation System that will be used to isolate the North Lawn Area System from the South Lawn Area System. M. Rose stated that Pacific Lawn Sprinklers has included the cost of the installation of a run of Irrigation System Piping in the northeastern corner of the South Lawn Area with the Change Order for the isolation valve. M. Rose has requested that Pacific separate those costs. K. Jackson stated that the existing Irrigation System Piping in the northeastern corner of the South Lawn Area was specified to be protected in the Contract Documents. The piping was destroyed during the excavation and had to be replaced. M. Alliegro stated that it was his fault that the existing piping was destroyed as he was not aware that it was specified to be protected. C. Dusel stated that URS and the Department are willing to work with EnviroTrac and horse trade some of these smaller cost items.*

**11. Payment Applications**

*K. Jackson stated that the only item remaining for CAP No. 7 approval is the certified payroll. C. Dusel directed EnviroTrac to enter CAP No. 7 into AGIS immediately. EnviroTrac will enter the CAP.*

**12. WBE/MBE Utilization**

*EnviroTrac submitted their WBE/MBE Utilization Report to URS on 10/09/18. Their report was incorporated into URS' Report.*

**13. Health and Safety**

*K. Jackson reminded meeting parties to be mindful of insects onsite, even with the recent cooler temperatures. Workers onsite have recently been stung by insects. K. Jackson also reminded meeting parties of the importance of wearing eye protection.*

**14. Open Discussion**

- M. Haggerty stated that he was disappointed that Innovative Recycling Technologies did not communicate to EnviroTrac that the submittal for the Delineation (Orphan) Pile had not yet been sent to the Pennsylvania Department of Environmental Protection (PADEP). Project parties were under the impression that the submittal had been sent to the PADEP shortly after URS returned it to EnviroTrac on 09/26/18.*
- URS and the Department observed EnviroTrac sub-subcontractor Keys Fence and Gate allowing auger spoils to accumulate at the bottom of the new fence posts with no fabric beneath them on 10/16/18 and 10/17/18. K. Jackson stated that that this is not good for the health of the sod and in some instances, Keys augered beneath the demarcation barrier, generating spoils with contaminated soil which will contaminate the excavation cap. M. Alliegro stated that he has directed Keys to place fabric on top of the sod prior to augering fence post holes moving forward. He has also directed them to clean up the spoils that are resting directly*



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*on the sod. He stated that if Keys does not adequately clean up the spoils, then EnviroTrac personnel will do so. URS stated that some of the sod along the new fence may have to be replaced. C. Dusel asked if Keys personnel were OSHA 40-Hr HAZWOPER trained. EnviroTrac responded that Keys had informed them that they have worked on NYSDEC projects in the past.*

- *EnviroTrac stated that South Lawn Area plantings were delivered to the site today 10/17/18. M. Rose stated that some of the North Lawn Area trees were too large to ship with today's delivery and will be shipped to the site at a later date.*
- *EnviroTrac stated that the six drums containing oily water from the underground storage tank that was excavated from the North Lawn Area will be transported for offsite disposal tomorrow 10/18/18. These drums will be disposed of as non-hazardous waste.*
- *EnviroTrac stated that the one drum containing material from the decontamination of the excavator bucket used to complete the PCB Soils Excavation will be transported offsite for disposal tomorrow 10/18/18. This drum will be disposed of as hazardous waste.*
- *K. Jackson stated that EnviroTrac has additional documentation samples to collect from the North Lawn Area. M. Alliegro acknowledged this.*
- *M. Haggerty noted that EnviroTrac's Dispensation expired on 10/15/18. EnviroTrac responded that they have not worked overtime to date and to not plan on working overtime moving forward.*
- *K. Jackson stated that crack monitors 5A, 6A, 7A, and 8A, located on the eastern side of Villas Condo Building 1, continue to expand and contract daily. He stated that the expansions have not gotten any worse.*
- *M. Rose stated that Mike Bavaro was the name of the gentleman who came to the site after the last Progress Meeting to discuss site paving with project parties. He is from City and County Paving. M. Rose stated that he received an e-mail quote today from him for \$18,000.00 for Capstan Court paving. Atlas Paving told M. Rose that they were too busy to even send someone out to quote the work. EnviroTrac asked how many quotes were required for the paving. M. Haggerty responded that he would check and get back to URS on the matter.*
- *K. Jackson inquired about the status of the cost proposal from McManus for pulling the NYCDOB plumbing permit. M. Rose responded that McManus has been unresponsive, so he has gone back to Daniel Ashe at Walter T. Gorman Engineering. C. Dusel stated that not having the permit pulled will not hold up the receipt of Substantial Completion, but will prevent the release of retainage.*
- *EnviroTrac stated that they plan on starting the North Lawn Area plantings over the next two weeks.*

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- *EnviroTrac stated that Pacific Lawn Sprinklers will be back onsite tomorrow 10/18/18 to continue the installation of the North Lawn Irrigation System.*
- *EnviroTrac acknowledged that some of the sod installed by DeLea near the Riviera Court platform will need to be replaced. It will be warranty work with DeLea.*
- *M. Rose stated that the remaining North Lawn Area excavation will be completed over the next couple of days.*
- *Meeting parties had an extensive discussion about the restoration of the North Lawn Area Walkway. EnviroTrac acknowledged that the restoration is not yet complete. M. Haggerty stated that there is an elevation change at a joint between the eastern and western sections of the walkway that must be fixed. Meeting parties discussed sweeping sand in the crack between the walkway asphalt pavers, wetting that sand, allowing the sand to dry, tamping the pavers, and repeating that process until the pavers are tight.*
- *Meeting parties discussed the items that M. Haggerty discussed with Villas at Riverview Project Manager Michael Jennings. M. Jennings did not take exception to placing the decorative boulders at the eastern face of the Villas Condo Building 1. M. Jennings has not yet visited the site, as he told M. Haggerty he would, to inspect the D.I. at the western end of the South Lawn Area. M. Alliegro stated that he will research a drop type inlet repair for the structure. He stated that the materials can be obtained from nearby store Timona.*
- *K. Jackson stated that EnviroTrac must submit the sod survey for the South Lawn Area. It is a requirement for payment for the sod. EnviroTrac will submit the survey.*
- *K. Jackson stated that EnviroTrac still has to install a J-Plug at the reconstructed wellhead at Monitoring Well EB-45/DEC-25. He also stated that the complete wellhead reconstruction needs to be completed at Monitoring Well EB-47/DEC-30. EnviroTrac will complete the work.*
- *K. Jackson stated that stenciling remains to be completed on Riviera Court and Capstan Court. Meeting parties agreed that this would likely be a punchlist item.*
- *M. Alliegro stated that the excavation at Riviera Court Planter Box RIV 14 is being completed by hand today due to utilities present there. The large tree stump present in the Planter Box will be cut flush.*
- *K. Jackson stated that the monitoring well abandonment still needs to be completed. EnviroTrac will complete the work. M. Haggerty confirmed that Monitoring Well DEC-46, located next to Planter Box CAP 3, is specified to be abandoned and can be paved over with the pavement restoration to be completed on Capstan Court.*

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### Project Progress Meeting 15

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- *K. Jackson asked EnviroTrac about the status of the spigot at the residence at Riviera Court Planter Box RIV 15. The drip line for Riviera Court Island RIV BLDG N1 is connected to this spigot. M. Alliegro stated that the resident there informed him that the spigot is broken and he has left it to Villas at Riverview Condo Management to make the repairs. Meeting parties agreed that the repair of the spigot should be left to Villas Condo Management. EnviroTrac stated that all of the necessary hardware for a functional drip line at Planter Box RIV 15 is in place.*
- *K. Jackson stated that weed removal around Riviera Court, Cove Court, and Capstan Court still needs to be completed. EnviroTrac will complete the work.*
- *Meeting parties had a lengthy discussion regarding the old 6-ft. and 3-ft. vinyl fencing from the South Lawn Area. K. Jackson previously spoke with M. Jennings about whether the Villas at Riverview wanted the old 6-ft. vinyl fencing. M. Jennings told K. Jackson that he would discuss the matter with Condo Presidents Clinton Haynes and Brian Freeman, but has not contacted K. Jackson since. Meeting parties agreed that M. Jennings should be given a date by which he must decide whether or not the Villas wants the old fence.*
- *K. Jackson asked meeting parties whether or not gates that were originally present in the 3-ft. vinyl fencing in the South Lawn Area should be replaced. M. Haggerty stated that the replacement of those gates is specified in the Contract, but asked URS to contact the residents that had gates in their Yards and ask them if they want the gates replaced. URS has an inventory of which Yards previously had gates in historical site photos.*
- *C. Dusel reviewed the Substantial Completion process with EnviroTrac in Contract Specification Section 01700 – Contract Closeout and Section VII – General Conditions, Article 13 – Payments to Subcontractor and Completion. EnviroTrac will submit a letter to URS requesting a Substantial Completion Inspection when they feel that they have reached Substantial Completion.*

## 15. Action Items

### Previous Action Items

#### *EnviroTrac*

- *Submit outstanding vibration, crack, and settlement monitoring reports.*
- *Continue to submit Electronic Data Deliverables (EDDs) and Category B Deliverables. – **Partially Completed***
- *Submit cut sheets on the fence materials. – **Completed***
- *Submit PCO No. 11. - **Completed***
- *Submit PCO for the Delineation (Orphan) Pile.*
- *Submit PCO No. 14. - **Completed***
- *Collect additional North Lawn Area delineation samples. - **Completed***
- *Excavate around eastern North Lawn Area trees specified to be protected in the*

*Contract Documents. - Completed*

- *Bring a pavement sub-subcontractor to the site to assess the pavement repair on Capstan Court. - Completed*
- *Obtain proposal from McManus Heating, Plumbing, and Cooling for pulling NYCDOB Plumbing Permit.*
- *Include three Ivory Halo Plants in order with North Lawn Area Plants.*
- *Submit Layout Sketch for North Lawn Area Irrigation System.*
- *Seed, topsoil, and water the Cove Court, Capstan Court, and Riviera Court Planter Boxes and Islands as necessary. - Completed*
- *Complete South Lawn Area Sod mowing. - Completed*
- *Replace browning South Lawn Area sod as necessary. – Partially Completed*
- *Restore the eastern North Lawn Area Walkway Area. – Partially Completed*
- *Submit South Lawn Area Sod Survey.*
- *Add J-Plug to restored wellhead at EB-45/DEC-25.*
- *Complete wellhead restoration at well EB-47/DEC-30.*
- *Complete stenciling on Capstan Court and Riviera Court.*
- *Complete excavation of Planter Box RIV 14.*
- *Investigate the spigot at behind the residence at Planter Box RIV 15.*
- *Spray weed killer on Cove Court, Capstan Court, and Riviera Court.*

*URS*

- *Provide comments on Project Progress Schedule. - Completed*
- *Issue Approval for South Lawn Area Irrigation System As-Built Drawing. - Completed*
- *Review Cove Court and Capstan Court Planter Box Volume Calculation. - Completed*
- *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs) and Category B Deliverables. – Partially Completed*
- *E-mail Change Order No. 1 with Attachments to EnviroTrac. - Completed*
- *Review and provide comments on CAP No. 7. - Completed*
- *Double check project records to confirm that waste profile for drum containing PCB decontamination materials was submitted. - Completed*
- *Continue to monitor crack gauges on the eastern end of Building 1. - Completed*

*NYSDEC*

- *Speak with Michael Jennings regarding placing decorative boulders along Building 1. - Completed*
- *Speak with Michael Jennings about the installation of drip lines in the individual Riviera Court Planter Boxes. - Completed*
- *Speak with Michael Jennings about the restoration of the D.I. located to the west of the Riviera Court loading platform. – Completed*

Current Action Items

- *EnviroTrac*
  - *Submit outstanding vibration, crack, and settlement monitoring reports.*

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- *Submit North Lawn Area Irrigation System Sketch.*
- *Submit 08/08/18 planter box topographic survey.*
- *Submit time logs for installation of additional planter box courses.*
- *Submit receipts for additional timber used in installation of additional planter box courses.*
- *Submit PCO for 6 ft. vinyl fence gate.*
- *Submit Irrigation System PCO.*
- *Enter CAP No. 7 into AGIS.*
- *Clean up fence post auger spoils.*
- *Transport UST Water and PCB Decontamination Materials Drums offsite for disposal.*
- *Collect additional North Lawn Area Documentation Samples.*
- *Research repair for D.I. at western end of the South Lawn Area, near the Riviera Court Platform.*
- *Submit South Lawn Area sod survey.*
- *Install J. Plug at Monitoring Well EB-45/DEC-25.*
- *Complete Wellhead Restoration at EB-47/DEC-30.*
- *Complete stenciling on Riviera Court and Capstan Court.*
- *Complete well abandonment.*
- *Remove weeds from Riviera Court, Capstan Court, and Cove Court.*
- *Submit letter requesting Substantial Completion Inspection.*
  
- **URS**
  - *Provide comments on Project Progress Schedule.*
  - *Approve North Lawn Area Excavation Survey through 10/10/18.*
  - *Approve North Lawn Area Backfill Survey through 10/10/18.*
  - *Provide comments for North Lawn Area Topsoil Survey through 10/10/18.*
  - *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables. (EDDs).*
  - *Provide EnviroTrac with a list of outstanding Category B Deliverable.*
  - *Provide hard copy of Change Order No. 1 to EnviroTrac for signature.*
  - *Speak with Villas Property Manager Michael Jennings regarding old 6-ft. vinyl fencing.*
  - *Ask South Lawn Area residents who previously had gates in their Yards whether or not they want those gates replaced.*
  
- **NYSDEC**
  - *Confirm how many quotes are required for the paving work.*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 16 was scheduled for Wednesday, October 31, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:57 pm.*

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*ATTACHMENTS:*

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 15 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, October 17, 2018; 10:00 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



**4. Project Schedule**

**5. Submittals**

- **Submittal Log Attached**

- **South Lawn Area Irrigation System As-Built Drawing**

- **Weekly Vibration, Crack, and Settlement Monitoring Reports**

- **North Lawn Area Excavation Survey Through 10/10/18**



- **Electronic Data Deliverables**

- **Category B Deliverables**

**6. RFI/Field Orders**

- **None**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **Change Order No. 1**
  
- **PCO No. 11 – PCB Soils T&D**
  
- **PCO No. 13 – Additional Course**
  
- **6 ft. Vinyl Fence Gate**

- **Irrigation System Items**

- 10. Payment Applications**
  - **Payment Application No. 7**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**

- **Insects**

- **Eye Protection**

**13. Open Discussion**

- **Delineation Pile Transportation and Disposal**

- **Fence Restoration/Drilling Spoils**

- **South Lawn Area Plantings**

- **Underground Storage Tank Liquid Drums**

- **PCB Decontamination Materials Drum**

- **Documentation Sampling**

- **Overtime Work**

- **Cracks On Eastern Side of Building No. 1**

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- **Capstan Court Pavement**
- **NYCDOB Plumbing Permit**
- **North Lawn Area Restoration/Plantings**
- **North Lawn Area Irrigation System**





- **Villas at Riverview Project Management Discussion Items**
- **South Lawn Area Sod Survey**
- **Wellhead Restoration EB-45/DEC-25 (J-Plug); EB-47/DEC-30 (Complete Restoration)**
- **Cove Court, Capstan Court, and Riviera Court Stenciling**



- **Weed Killing Around Court**
  
  
  
  
  
  
  
  
  
  
- **Old South Lawn Area Vinyl Fencing**
  
  
  
  
  
  
  
  
  
  
- **3 ft. Vinyl Fence Gates**
  
  
  
  
  
  
  
  
  
  
- **Substantial Completion**

**14. Action Items**

*EnviroTrac*

- *Submit outstanding vibration, crack, and settlement monitoring reports.*
- *Continue to submit Electronic Data Deliverables (EDDs) and Category B Deliverables. – **Partially Completed***
- *Submit cut sheets on the fence materials. – **Completed***
- *Submit PCO No. 11. - **Completed***
- *Submit PCO for the Delineation (Orphan) Pile.*
- *Submit PCO No. 14. - **Completed***
- *Collect additional North Lawn Area delineation samples. - **Completed***
- *Excavate around eastern North Lawn Area trees specified to be protected in the Contract Documents. - **Completed***
- *Bring a pavement sub-subcontractor to the site to assess the pavement repair on Capstan Court. - **Completed***
- *Obtain proposal from McManus Heating, Plumbing, and Cooling for pulling NYCDOB Plumbing Permit.*
- *Include three Ivory Halo Plants in order with North Lawn Area Plants.*
- *Submit Layout Sketch for North Lawn Area Irrigation System.*

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### Progress Meeting No. 15 Agenda

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- *Seed, topsoil, and water the Cove Court, Capstan Court, and Riviera Court Planter Boxes and Islands as necessary. - **Completed***
- *Complete South Lawn Area Sod mowing. - **Completed***
- *Replace browning South Lawn Area sod as necessary. – **Partially Completed***
- *Restore the eastern North Lawn Area Walkway Area. – **Partially Completed***
- *Submit South Lawn Area Sod Survey.*
- *Add J-Plug to restored wellhead at EB-45/DEC-25.*
- *Complete wellhead restoration at well EB-47/DEC-30.*
- *Complete stenciling on Capstan Court and Riviera Court.*
- *Complete excavation of Planter Box RIV 14.*
- *Investigate the spigot at behind the residence at Planter Box RIV 15.*
- *Spray weed killer on Cove Court, Capstan Court, and Riviera Court.*

#### URS

- *Provide comments on Project Progress Schedule. - **Completed***
- *Issue Approval for South Lawn Area Irrigation System As-Built Drawing. - **Completed***
- *Review Cove Court and Capstan Court Planter Box Volume Calculation. - **Completed***
- *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs) and Category B Deliverables. – **Partially Completed***
- *E-mail Change Order No. 1 with Attachments to EnviroTrac. - **Completed***
- *Review and provide comments on CAP No. 7. - **Completed***
- *Double check project records to confirm that waste profile for drum containing PCB decontamination materials was submitted. - **Completed***
- *Continue to monitor crack gauges on the eastern end of Building 1. - **Completed***

#### NYSDEC

- *Speak with Michael Jennings regarding placing decorative boulders along Building 1. - **Completed***
- *Speak with Michael Jennings about the installation of drip lines in the individual Riviera Court Planter Boxes. - **Completed***
- *Speak with Michael Jennings about the restoration of the D.I. located to the west of the Riviera Court loading platform. - **Completed***

#### Current Action Items:

EnviroTrac

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: October 16, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	



# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: October 16, 2018 (4:57PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the		Completed on 8/29/18 and 09/04/18	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
17	08/02/18	<p>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</p>	08/17/18	Tree removed.	
19	09/27/18	<p>Rather than excavate the area to the west of Grade Stakes 1106, 1111, 1116, and 1121 (shown on the attached (North) Grid Stakeout Plan), EnviroTrac shall clear and grub the area in accordance with the Contract Documents and place 1 ft. of clean fill material. The material shall be graded to tie into the surrounding contours shown on the attached Contract Drawing C-008 - Final Grading Plan</p>	10/08/18	EnviroTrac began clearing.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<b>North Lawn Area. EnviroTrac shall minimize vibration and the use of heavy equipment during the completion of the work. The pre-construction topographic survey for the North Lawn Area has also been appended for reference.</b>			



# URS CORPORATION

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 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: October 16, 2018 (4:58PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day

0009	EnviroTrac 08/07/18	Initiated by Field Order No. 9, dated 06/15/18, covers charges for the excavation of soils in the North Lawn Area impacted with excessive concentrations of PCBs and the decontamination of equipment used to complete the excavation.	1	Resubmit with Revisions on 08/17/18; Approved on 08/23/18	Y,Y	Resubmitted on 08/14/18 for \$61,059.35 and 7-calendar day extension; Resubmitted on 08/17/18 for \$54,948.00 and 7-calendar day extension	08/17/18	08/23/18	\$54,948.00	7 day
0010	EnviroTrac 08/17/18	Initiated by Field Order No. 16, covers charges for collection and analysis of samples around SS-11 and collection and analysis new waste classification sample in North Lawn Area 3.	1	Resubmit with Revisions on 09/11/18; Approved on 09/18/18	Y,Y	Resubmitted on 09/13/18 for \$3,825.29	09/13/18	09/18/18	\$3,825.29	0 day
0012	EnviroTrac 08/24/18	Per the request of the Department, covers charges for collection and analysis of sod sample for criteria compliance.	1	Approved on 09/05/18	Y,Y		08/24/18	09/05/18	\$1,548.50	0 day
0011	EnviroTrac 10/04/18	Initiated by Field Order 15, covers charges for the transportation and disposal of the soils excavated in the North Lawn Area impacted with excessive concentrations of PCBs			Y,Y				\$98,016.45	0 day
0013	EnviroTrac 10/10/18	Initiated by Field Order No. 17, covers charges for the placement of accent course and additional course on select Planter Boxes and Islands on Cove Court and Capstan Court			Y,Y				\$9,547.51	0 day

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: October 16, 2018 (4:58PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that “Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings.” Additionally, per Notes 1 and 2 on Dwg. C-009, “Final grades shall match pre-existing grades at all features to be preserved...”, and “Final grades shall drain away from buildings.”</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: October 16, 2018 (4:58PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: October 16, 2018 (4:58PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01035	Health and Safety	01035-1	a	Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions		
			b		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions		
			c		4/2/2018	W. Smith	4/9/2018	Approved		
					6/18/2018	K. Jackson	6/22/2018	Approved	M. Alliegro dual role identified.	
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved		
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted		
		01040-2		Staging Areas and Contamination Reduction Zone						
		01040-3			Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
						3/8/2018	R. West	3/12/2018	Approved	
						4/17/2018	K. Jackson			
						4/27/2018	K. Jackson			
						5/9/2018	K. Jackson			
						5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions	
						6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions	
						6/22/2018	K. Jackson			
						7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions	
						7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions	
						8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions	
						8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions	
						9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions	
						9/18/2018	K. Jackson	9/28/2018	Resubmit with Revisions	
		10/2/2018	K. Jackson	10/12/2018	Approved					
		01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018	
					4/10/2018	R. West	4/11/2018	Resubmit with Revisions		
01051-2	a				Pre-Construction Topographic Survey	4/13/2018	K. Jackson	5/1/2018		Not Subject to Review
						4/26/2018	K. Jackson	5/1/2018		Not Subject to Review
01051-3					South Lawn Area Excavation Check Through 05/15/18	5/22/2018				
01051-4	a				North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
						7/10/2018	K. Jackson	7/23/2018	Approved as Noted	
						8/3/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
						8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
						8/10/2018	K. Jackson	8/10/2018	Approved	
01051-5					South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved	
01051-6					South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions	
01051-7	a				Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions	
						7/13/2018	K. Jackson			
	b					7/31/2018	K. Jackson	10/17/2018	Approved	
01051-8					South Lawn Backfill Survey through July 19, 2018	7/23/2018	K. Jackson	7/30/2018	Approved	
01051-9	a				South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved	
						8/3/2018	K. Jackson	10/17/2018	Approved	
01051-10					Planter Box Backfill Volumes	8/13/2018	K. Jackson	10/17/2018	Approved	
01051-11	a				South Lawn Area Topsoil Survey through August 8, 2018	8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions	
		8/22/2018	K. Jackson			8/24/2018	Approved			
01051-12			North Lawn Area Proposed Stakeout Plan	9/13/2018	K. Jackson					
01051-13	a		North Lawn Area Excavation Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
				10/10/2018	K. Jackson					
	b		North Lawn Area Excavation Survey through October 10, 2018	10/12/2018						
01051-14	a		North Lawn Area Backfill Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
				10/10/2018	K. Jackson					
	b		North Lawn Area Backfill Survey through October 10, 2018	10/12/2018	K. Jackson					
01051-15	a		Planter Box Aboveground Backfill Volumes	10/2/2018	K. Jackson	10/11/2008	Resubmit with Revisions			
				10/10/2018	K. Jackson					
01051-16			North Lawn Area Topsoil Survey through October 10, 2018	10/12/2018	K. Jackson					
01051-17			Survey Instrument Certifications							
01051-18			Permanent Survey Control Monuments							
01051-19			Record Survey Drawings							
01051-20			Survey Field Notes and Records							
01051-21+			Survey Data and Maps for On-Site Work							
01051-22+			Sample Location Data							
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01000	Decontamination Station	01000-1	a	Decontamination Pad Shop Drawings	5/18/2018	K. Jackson	6/1/2018	Approved as Noted	
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			b		2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2	a	RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
					3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
			b		3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			c		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
					3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	10/17/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	10/17/2018	Approved	
		01400-4		Documentation Samples PLANTER-DOC-1 through PLANTER-DOC-10 – Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions	
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	9/12/2018	G. Kisluk	10/17/2018	Approved	
		01400-6		North Lawn Area Waste Characterization Sampling - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-7		Planter Box Soils Waste Characterization Sample No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-8		North Lawn Area No. 3 Waste Characterization Sample Re-Run - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-9		Planter Box Soils Waste Characterization Sample No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-10		Backfill Analytical - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-11		Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-12		Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-13		Additional Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-14		Planter Box Documentation Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-15		PCB Results Sample Locations 21 and 22 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-16		Orphan Pile Waste Characterization Sample - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
		01400-17		PCB Soils Excavation Sample 39A - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved	
01400-18		North Lawn Area No. 3 Discrete Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved			
01400-19		Additional Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	10/17/2018	Approved			
01400-20		Topsoil Analytical		10/9/2018	G. Kisluk	10/17/2018	Approved		



SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
01730	Vibration	01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	10/17/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	10/17/2018	Approved	
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	10/17/2018	Approved	
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	10/17/2018	Approved	
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	10/17/2018	Approved			
01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	10/17/2018	Approved			
01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	10/17/2018	Approved			
01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	10/17/2018	Approved			
01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	10/17/2018	Approved			
01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	10/17/2018	Approved			
01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	10/17/2018	Approved			
01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	10/17/2018	Approved			

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		01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	10/17/2018	Approved	
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	10/17/2018	Approved	
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	10/17/2018	Approved	
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	10/17/2018	Approved	
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	10/17/2018	Approved	
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson	10/17/2018	Approved	
		01730-65		Crack Gauge Inspection Report - 08/16/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-67		Crack Gauge Inspection Report - 08/30/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-68		Crack Gauge Inspection Report - 09/06/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-73		Optical Settlement Monitoring Report #30 - 8/24/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-74		Optical Settlement Monitoring Report #31 - 8/31/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-75		Optical Settlement Monitoring Report #32 - 9/7/18	9/18/2018	K. Jackson	10/17/2018	Approved	
		01730-76		Final Results Report					
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1		Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			a		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
			b		4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
02220	Excavation	02220-1		Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
			a		4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	
			b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
					4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-2		Demarcation Barrier					
		02220-3	a	PCB Area Excavation Plan	4/26/2018	K. Jackson	5/1/2018	Approved	
	8/20/2018				K. Jackson	8/20/2018	Resubmit with Revisions		
					8/24/2018	K. Jackson	8/28/2018	Approved	
02230-1		02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
				Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
					3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
				South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
				Planter Box Soil Waste Profile	5/30/2018	M. Haggerty	6/5/2018	Approved	
				Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	10/17/2018	Approved	

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02230	Transportation and Disposal	02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	10/17/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
		02230-9		Decon Rinsate Profile	9/7/2018	M. Haggerty	9/12/2018	Approved	
		02230-10		Orphan Pile Signed Waste Management Fairless Hills Profile	9/24/2018	C. Dusel	9/26/2018	Approved	
		02230-11		Underground Storage Tank Water Profile	10/2/2018	M. Haggerty	10/4/2018	Approved	
		02230-12		Orphan Pile Signed Bayshore Soil Management Profile	10/15/2018	M. Haggerty	10/15/2018	Approved	
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	10/17/2018	Approved	
		02300-6		Concrete Sand Sieve Analysis	10/2/2018	K. Jackson			
		02300-7		Sample Location Sketch					
		02300-8		Final Grading Plan		K. Jackson			
02503	Restoration	02503-1		Proposed Replacement Fence Materials	10/4/2018	K. Jackson	10/5/2018	Approved as Noted	
		02503-2		Restoration Work Plan					
		02508-1		Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2		Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
			a		5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4		Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
			a		5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5		Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
a	6/5/2018		K. Jackson		6/8/2018	Approved			
02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved			
02508-7		Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions			
	a		6/19/2018	K. Jackson	6/21/2018	Approved			

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02508	Community Air Monitoring Program	02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	10/17/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	10/17/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	10/17/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	10/17/2018	Approved	
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson	9/21/2018	Approved	
		02508-26		Weekly Air Monitoring Report - 09/17/18 - 9/21/18	9/24/2018	K. Jackson	9/28/2018	Approved	
		02508-27		Weekly Air Monitoring Report - 09/24/18 - 9/28/18	10/1/2018	K. Jackson	10/5/2018	Approved	
02508-28		Raw Monitoring Data - September 2018	10/1/2018	K. Jackson	10/17/2018	Approved			
02508-29		Weekly Air Monitoring Report - 10/1/18 - 10/5/18	10/8/2018	K. Jackson	10/12/2018	Approved			
02508-30		Weekly Air Monitoring Report - 10/8/18 - 10/12/18	10/15/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G. Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		c	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		d	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
					6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B. Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
			a	Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
					9/17/2018	D. Morehouse	10/17/2018	Approved	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

**TRANSPORTER:**

LIO = Liotta and Sons  
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 DRV - DRV Express  
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 JCT - JC Transport  
 DJE - DJE  
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 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
 MEN - Mendez Trucking

**DESIGNATED FACILITY:**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Transporter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
10/12/18	CY		LIO	30	LIO	North Lawn Area Clearing;Non-Metal Debris from North Lawn Area Excavation; Jennings Planter Box Timbers	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

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										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	N	N			1	016327593JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			2	016327599JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	N	N			3	016327597JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	N	N			4	016327600JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			5	016327601JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	N	N			6	016327595JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			7	016327594JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			8	016327607JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	N	N			9	016327606JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	N	N			10	016327596JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61200	30.6	103	1254715	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

**TRANSPORTER:**

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lella Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
 MEN - Mendez Trucking

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight LBS	Scale Weight TONS	Waste Tracking Number	Manifest Number	Item / PCO #
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54820	27.41	104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55200	27.6	105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55380	27.69	106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54260	27.13	107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54800	27.4	108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	66220	33.11	109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62440	31.22	110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61820	30.91	111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62180	31.09	112	1254726	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55400	27.7	113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	56720	28.36	114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55860	27.93	115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	45320	22.66	116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59280	29.64	117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55520	27.76	118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53140	26.57	119	1254802	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	52100	26.05	120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	50420	25.21	121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	57360	28.68	122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53840	26.92	123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62480	31.24	124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59380	29.69	125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59300	29.65	126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	63020	31.51	127	1254797	
09/17/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53400	26.7	128	1691353	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47280	23.64	129	1254796	
09/19/18	TONS	NJ AU568E	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46340	23.17	130	1254795	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52540	26.27	131	1691262	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51860	25.93	132	1691261	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55820	27.91	133	1691259	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46920	23.46	134	1691260	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	59540	29.77	135	1691258	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46100	23.05	136	1691251	
09/19/18	TONS	NJ AT862D	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53540	26.77	137	1691257	
09/19/18	TONS	NJ AU568C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51980	25.99	138	1691253	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47700	23.85	139	1254794	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49460	24.73	140	1254793	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	56640	28.32	141	1254791	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	45680	22.84	142	1691255	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54180	27.09	143	1691254	
09/19/18	TONS	NJ AU399C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	48240	24.12	144	1691252	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49540	24.77	145	1691256	
09/19/18	TONS	NJ AS687P	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55980	27.99	146	1254792	
09/20/18	TONS	NJ AS375X	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	44700	22.35	147	1691222	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51680	25.84	148	1691221	
09/20/18	TONS	NJ AU963D		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51480	25.74	149	1817626	
09/20/18	TONS	NJ AT374N		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51360	25.68	150	1817627	
09/20/18	TONS		AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49100	24.55	151	1817625	
09/20/18	TONS	NJ AT491P		22	CE	North Lawn Area N3 Soil	NH	Y	Y	52900	26.45	152	1817624	
09/20/18	TONS	NJ AS688P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53500	26.75	153	1817623	
09/20/18	TONS	NJ AS687P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52920	26.46	154	1817622	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51960	25.98	155	1817621	
09/20/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52200	26.1	156	1817620	
09/20/18	TONS	NJ AT379N	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51820	25.91	157	1817619	
09/20/18	TONS	NJ AS921D	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	50040	25.02	158	1817618	
09/20/18	TONS	NJ AU962D	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54140	27.07	159	1817617	
09/20/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53160	26.58	160	1817616	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			161	1817615	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			162	1817614	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			163	1817613	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			164	1817612	
09/24/18	TONS	NJ AU641U	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			165	1817610	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			166	1817610	
09/24/18	TONS	NJ AU963D	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			167	1817609	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			168	1817608	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			169	1817606	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

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 GRD - Grid Logistics Transportation  
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 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
 MEN - Mendez Trucking

**DESIGNATED FACILITY**

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			170	1817607	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			171	1817605	
09/24/18	TONS	NJ AU641D	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			172	1817604	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			173	1817603	
09/25/18	TONS	NJ AT585X	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			174	1817602	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			175	1817601	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			176	1817600	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N			177	1817599	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			178	1817598	
09/25/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			179	1817597	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			180	1817596	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N			181	1817595	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			182	1817594	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			183	1817593	
09/25/18	TONS	NJ AS859P	SHR	22	CE	NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD	NH	N	N			184	1817592	
09/27/18	TONS	NJ AU418L	BRA	22	CE	North Lawn Area N3 Soil	NH	N	N			185	1817591	
09/27/18	TONS	NJ AR629H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			186	1817590	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			187	1817589	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			188	1817588	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			189	1817587	
09/27/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			190	1817586	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			191	1817585	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			192	1817584	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			193	1817583	
09/27/18	TONS	NJ AU418C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			194	1817582	
10/02/18	TONS	NJ AT713P	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N			195	1673562	
10/02/18	TONS	NJ NS944	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N			196	1622898	
10/02/18	TONS	NJ AL794W	CF	22	CE	North Lawn Area N2 Soil	NH	N	N			197	1817580	
10/02/18	TONS	NJ AS137R	CF	22	CE	North Lawn Area N2 Soil	NH	N	N			198	1817581	
10/03/18	TONS	NJ AS756F	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			199	1817531	
10/03/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			200	1817538	
10/03/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			201	1817537	
10/03/18	TONS	NJ AS269R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			202	1817536	
10/04/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			203	1817535	
10/04/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			204	1817534	
10/04/18	TONS	NJ AS756P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			205	1817533	
10/04/18	TONS	NJ AS264R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			206	1817532	
10/16/18	TONS	NJ AS566X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			207	1817539	
10/16/18	TONS	NJ A6134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			208	1817540	
10/16/18	TONS	NJ AT379Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			209	1817541	
10/16/18	TONS	NJ AU842R	JCT	22	CE	North Lawn Area N2 Soil	NH	N	N			210	1817542	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			211	1817543	
10/16/18	TONS	NJ AS122L	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			212	1817579	
10/16/18	TONS	NJ AT579Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			213	1817578	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			214	1817574	
10/16/18	TONS	NJ AS740V	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			215	1817575	
10/16/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			216	1817576	
10/16/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			217	1817577	

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

Look Back

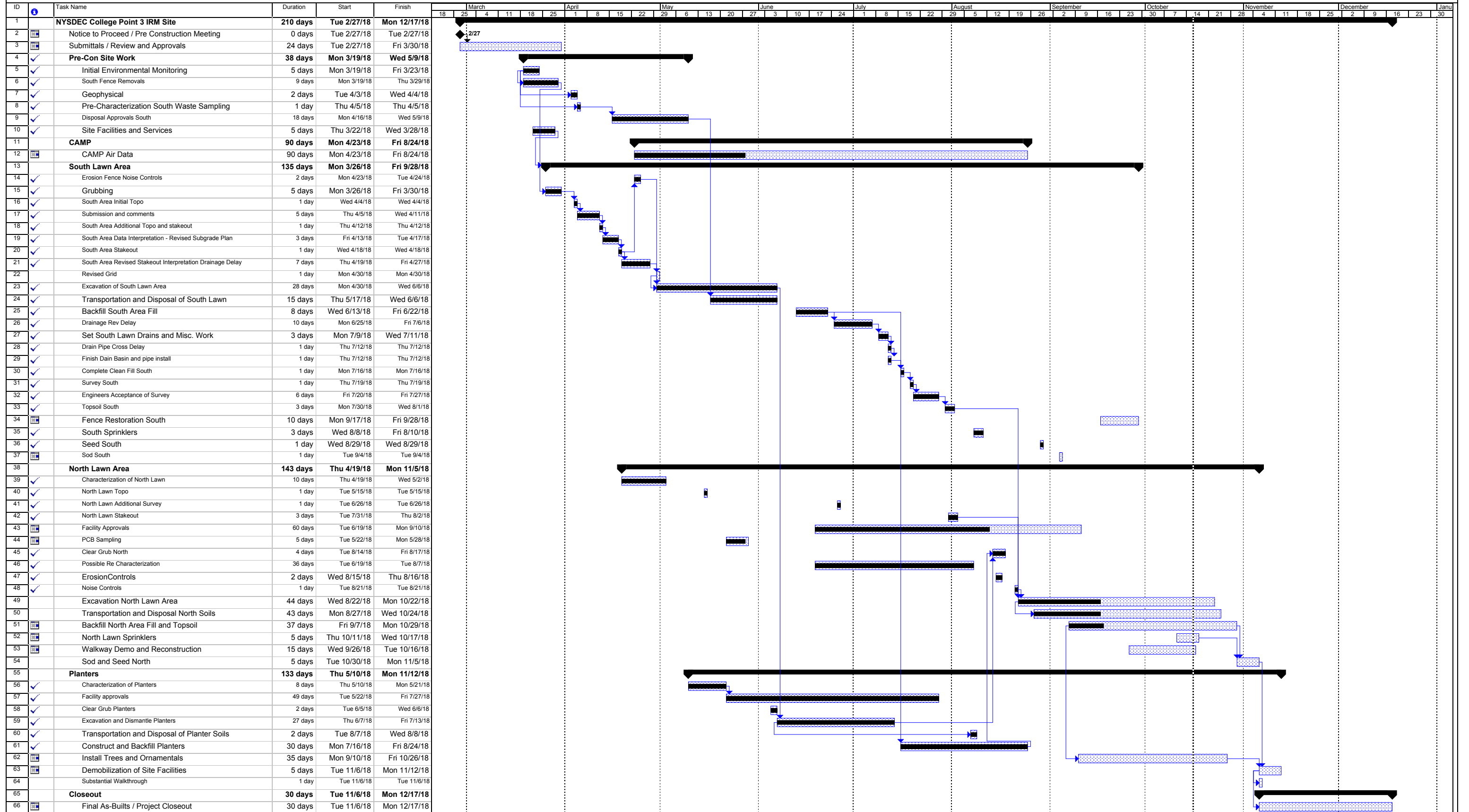
Date	1-Oct	2-Oct	3-Oct	4-Oct	5-Oct	6-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 14			X								
Doc Samples					X						
Survey North Grid			X						X		X
Fence Installation					X		X		X	X	
Backfill North Area								X		X	
Topsoil North	X	X	X	X					X		
North Lawn Soil Disposal	X	X	X	X						X	X
North Lawn Excavation											
Dilination Pile Disposal											
Drum Disposal											
Walkway Restoration				X	X		X	X	X	X	X
Sprinkler North											
Sod North										X	
Light Repairs		X	X	X							
Well Abandonments											

Look Ahead

Date	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 15			X								
Doc Samples										X	
Survey North Grid					X					X	
Fence Installation	X	X	X	X	X						
Backfill North Area							X				
Topsoil North							X				
South Garden Plantings							X	X	X	X	X
North Lawn Soil Disposal				X			X				
North Lawn Excavation		X	X								
Dilination Pile Disposal				X			X				
Drum Disposal					X						
Walkway Restoration	X	X	X								
Sprinkler North			X				X				
Sod North										X	X
North Planting							X	X	X	X	X
Well Abandonments				X	X						

**ATTACHMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3    Date: Tue 10/16/18

Task: [Solid Bar]    Progress: [Dotted Bar]    Milestone: [Diamond]    Summary: [Thick Bar]    Rolled Up Split: [Thin Bar]    Rolled Up Task: [Thick Bar]    Rolled Up Milestone: [Diamond]    Rolled Up Progress: [Dotted Bar]    External Tasks: [Thin Bar]    External Milestone: [Diamond]    Project Summary: [Thick Bar]    Milestone: [Diamond]    Deadline: [Arrow]

PROJECT PROGRESS MEETING No. 16 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, October 31, 2018; 11:00 A.M.

Location: URS Site Trailer

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Randy West – URS*

*Michael Rose – EnviroTrac*

*Michael Alliegro – EnviroTrac*

*Prior to the Progress Meeting, meeting attendees performed the Substantial Completion Inspection of the site and created a list of punchlist items.*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 14 on 10/16/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 15. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 14 are now deemed final. URS distributed the minutes from Progress Meeting No. 15 on 10/30/18. M. Rose stated that he had not had a chance to review the minutes prior to today's meeting. The minutes from Progress Meeting No. 15 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac collected documentation samples from the North Lawn Area, completed a survey of the North Lawn Area, continued the South Lawn Area fence installation, placed backfill in the North Lawn Area, placed topsoil in the North Lawn Area, loaded out North Lawn Area soils for offsite disposal, completed excavation of North Lawn Area soils, loaded out the delineation (orphan) pile for offsite disposal, continued the restoration of the North Lawn Area Walkway, continued the installation of the North Lawn Area Irrigation System, and continued the installation of North Lawn Area plantings*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on completing final surveys of the site, completing the South Lawn Area garden plantings, disposing of the drums from the Department's fenced-in enclosure onsite, completing the North Lawn Area walkway restoration, completing the installation of the North Lawn Area*

*Irrigation System, placing sod in the North Lawn Area, completing the North Lawn Area plantings, and completing the well abandonments.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 10/30/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 10/26/18. M. Rose stated that he has addressed URS' comments on the schedule. The Substantial Completion Date on the latest schedule is Wednesday 10/31/18, approximately one week earlier than the Substantial Completion Date shown on the previous schedule submission. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

*M. Rose stated that EnviroTrac ended security onsite last week. He stated that EnviroTrac would like to end community air monitoring today and vibration, settlement, and crack monitoring at the end of this week. M. Rose stated that intrusive work will be completed onsite today with the installation of the North Lawn Area Irrigation System. He also stated that the large excavator would be demobilized tomorrow 11/01/18. He stated that North Lawn Area sod installation will also be completed on that date. URS and the Department did not take exception ending community air monitoring today. They also did not take exception to ending vibration, crack, and settlement monitoring at the end of this week, as long as the North Lawn Area sod installation and demobilization of the large excavator were completed by then.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*K. Jackson stated that EnviroTrac must submit a sketch of the layout for the North Lawn Area Irrigation System as soon as possible. EnviroTrac will submit the sketch.*

*K. Jackson stated that EnviroTrac has submitted weekly vibration and settlement monitoring reports for the weeks ending 09/14/18, 09/21/18, and 09/28/18 since the last meeting. They have also submitted the weekly crack monitoring report for the week ending 09/21/18 since the last meeting. URS will review and comment on the reports. K. Jackson stated that EnviroTrac must still submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18. K. Jackson stated that EnviroTrac must also submit weekly vibration, crack, and settlement monitoring reports for all of October 2018. EnviroTrac will submit the reports.*

*EnviroTrac submitted a North Lawn Area Excavation Survey through October 24, 2018 on 10/29/18. K. Jackson confirmed the grades with the surveyor in the field and the Contract grades have been met. URS will review and provide comments on the submittal.*

*EnviroTrac submitted a North Lawn Area Backfill Survey through October 24, 2018 on 10/29/18. K. Jackson confirmed the grades with the surveyor in the field and the*

*Contract grades have been met. URS will review and provide comments on the submittal.*

*On 10/12/18, EnviroTrac submitted a North Lawn Area Topsoil Survey through October 10, 2018. URS responded "Resubmit with Revisions" to the Submittal on 10/19/18. More recent survey data needed to be incorporated at some of the grid points. EnviroTrac will resubmit the survey.*

*K. Jackson stated that ChemTech has been providing Electronic Data Deliverables (EDDs) to EnviroTrac, but there are still a small number of EDDs still outstanding. URS will provide EnviroTrac with a list of outstanding EDDs.*

*K. Jackson stated that there are also some Category B deliverables outstanding. K. Jackson will provide EnviroTrac with a list of outstanding Category B deliverables.*

*K. Jackson stated that EnviroTrac has submitted the analytical report from the North Lawn Area Documentation Samples that were collected on 09/04/18. However, URS has not received the analytical report from the North Lawn Area Documentation Samples that were collected on 10/05/18. M. Rose stated that he thought that the report had been submitted. EnviroTrac will send the analytical report from the 10/05/18 samples again.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*URS issued Field Order No. 20 to EnviroTrac on 10/26/18 with direction to dispose of the drums in the Department's fenced-in enclosure on site. M. Rose previously informed K. Jackson that Innovative Recycling Technologies reported that they will hold the unit pricing in their Contract with URS for the disposal of the drums.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*K. Jackson stated that Change Order No. 1 has been signed by EnviroTrac and the Department. C. Dusel directed EnviroTrac to include the increases associated with Change Order No. 1 in the next CAP. EnviroTrac will include Change Order No. 1 in the next CAP.*

*C. Dusel stated that Change Order No. 2 still needs to be prepared. K. Jackson will begin to draft Change Order No. 2.*

*EnviroTrac submitted the weight tickets for the transportation and disposal of the*



*PCB soils included in PCO No. 11 on 10/30/18. URS will review the weight tickets and finalize their review of PCO No.11.*

*EnviroTrac submitted receipts for the lumber used to install the accent course and additional Island course associated with PCO No. 13 on 10/29/18. K. Jackson stated that EnviroTrac must still submit a time log for the labor used to complete the work. EnviroTrac will submit the time log.*

*EnviroTrac stated that PCOs are forthcoming for additional work completed by Keys Fence and Gate during the South Lawn Area fence installation and Pacific Lawn Sprinklers during the South Lawn Area Irrigation System installation. URS requested that these PCOs be submitted as soon as possible.*

**11. Payment Applications**

*C. Dusel stated that CAP No. 7 was forced into AGIS last week. M. Rose stated that he will begin to draft CAP No. 8. URS granted EnviroTrac permission to include Change Order No. 1 in CAP No. 8.*

**12. WBE/MBE Utilization**

*There were no WBE/MBE items to report this meeting.*

**13. Health and Safety**

*K. Jackson reminded meeting parties to be mindful slips, trips, and falls while walking across the site. There has been a significant amount of rain onsite recently and the temperatures in the mornings have been colder.*

**14. Open Discussion**

- *During the Substantial Completion Inspection today, meeting parties identified some regions of the South Lawn Area that will require sod replacement, including the base of the 6-ft. vinyl fence posts in the northeastern corner of the Area and the base of Riviera Court platform. EnviroTrac stated that they will also spread seed at the base of the fence posts where necessary. M. Haggerty asked if the seed will keep until next year. EnviroTrac responded that the seed will keep until next year as long as it is covered with some sort of mulch.*
- *EnviroTrac began the installation of the South Lawn Area Yard plantings en masse today. The plantings were discussed extensively during the Substantial Completion Inspection. EnviroTrac has field direction on the plantings for the majority of the South Lawn Area Yards. K. Jackson and M. Alliegro will speak with the few remaining outstanding residents on their Yard plantings on 11/01/18.*
- *EnviroTrac stated that they will contact their electrician, Stephen Sussman, to get a schedule for the testing of the North Lawn Area lights. The lights will need to get tested soon. The light located on the eastern side of Villas Condo Building 1 still needs to be re-wired.*

- *EnviroTrac collected the last round of North Lawn Area Documentation Samples last week. They will re-submit the analytical report from the 10/05/18 documentation sampling event as soon as possible.*
- *K. Jackson stated that the resident at South Lawn Area Yard 6, the Yard with the brown and yellow shed, requested that the portion of the new, 3-ft. vinyl fence that was installed parallel to her home be removed. She stated that it was not present originally. She also requested that some of her plants be installed in the walkway between her Yard and the new, 6-ft. vinyl fence. K. Jackson looked at pre-construction photos and confirmed that the parallel portion of the fence was not present initially and there were plants installed in the walkway. EnviroTrac will modify the fence and plantings to match the pre-construction condition of the Yard.*
- *The resident at 120-14 made a request to EnviroTrac last week to remove both a large weed from the front of his home and an extension to his gutter downspout that extended over the Riviera Court Platform to the South Lawn Area. EnviroTrac immediately fulfilled both requests.*
- *K. Jackson stated that EnviroTrac must still submit their formal second and third quotes for the Capstan Court Paving work. City and County Paving sent their price in the body of an e-mail. M. Haggerty stated that they must submit a quote on their letterhead.*
- *M. Rose forwarded an e-mail from a gentleman named Conor at McManus Plumbing and Heating with an update on the NYCDOB Plumbing Permit. M. Rose read the e-mail aloud during the meeting. Conor stated that Bob McManus is away for a week, but an inspection will have to be scheduled. Conor stated that parties needed to make sure that stamped/approved plans were in place and that an Engineering Report for the retention tank was prepared. Once these items are in place an inspection can be scheduled. URS asked EnviroTrac to get clarification from McManus on what the retention tank was that they mentioned. Meeting parties discussed the Plumbing Permit. EnviroTrac stated that McManus will pull and close out the Permit. M. Rose stated that McManus has pulled the permit already. R. West stated that we need to provide a plausible explanation of the Yard Drain Construction in the Engineering Report. He stated that the NYCDOB may take exception to the fact that we tied into two drainage inlets (D.I.'s) with unknown discharge points. We may be able to get around the exception to the discharge by plugging the outlets from the D.I.'s, essentially creating a French Drain. URS will prepare the Engineering Report.*
- *The residents at 120-07 Riviera Court took exception to the potential planting of the London Plane Tree in the North Lawn Area behind their residence last week. K. Jackson contacted URS' landscape architects and they would prefer to following the planting schedule in the Contract Documents, but if the plant must be replaced, they suggested the Honey Locust as the replacement. K. Jackson called Villas at Riverview Condo Present Brian Freeman and left him a voicemail to get his input. K. Jackson will follow up with B. Freeman.*

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- *Pacific Lawn Sprinklers is back onsite today to continue the installation of the North Lawn Area Irrigation System. EnviroTrac stated that Pacific hopes to complete the installation today.*
- *The Ivory Halo Plants for the resident at 120-09 Riviera Court have been delivered. URS will coordinate the plantings with the resident.*
- *Meeting parties inspected the North Lawn Area Walkway during the Substantial Completion Inspection. EnviroTrac still needs to install and weld re-bar anchors on the metal edging, fix the crack in the far western end of the Walkway, replace a few more pavers in a couple of small areas, and reinstall the benches. EnviroTrac will also leave a pallet of pavers for Villas at Riverview Condo use.*
- *Site parties will give Villas at Riverview Condo Property Manager Michael Jennings through this weekend to pick up old vinyl fence from the North Lawn Area or it will be disposed of.*
- *EnviroTrac stated that North Lawn Area hydroseeding will be completed tomorrow 11/01/18.*
- *K. Jackson stated that EnviroTrac must still submit the South Lawn Area Sod Survey. M. Rose responded that the survey was appended to the North Lawn Area Backfill Survey submitted on 10/29/18. K. Jackson will confirm the submission. URS stated that a final survey of the site must also be conducted after all of the construction has been completed. EnviroTrac acknowledged this.*
- *K. Jackson stated that EnviroTrac must still install a J-Plug at monitoring well EB-45/DEC-25 and perform a complete wellhead restoration at monitoring well EB-47/DEC-30. M. Haggerty stated that complete wellhead restorations must also be performed at monitoring wells in Islands COV 1 and CAP 9. Meeting parties saw these wells during the Substantial Completion Inspection.*
- *Meeting parties agreed that Capstan Court and Riviera Court stenciling will be a punchlist item.*
- *EnviroTrac stated that they hope to have Capstan Court Paving completed by Thanksgiving. City and County Paving, the current low bidder for the work, has informed EnviroTrac that they cannot schedule the work for another 2-3 weeks.*
- *EnviroTrac stated that they completed the plantings at Riviera Court Planter Box RIV 14 yesterday 10/30/18 and installed the planter box timbers today.*
- *M. Alliegro stated that the well abandonments will be completed next week. They will jack hammer out the wellheads immediately prior to the paving work.*
- *EnviroTrac stated that North Lawn Area sod will be installed tomorrow 11/01/18. M. Rose previously told K. Jackson that DeLea reported that the North Lawn Area*

*sod placement was cancelled today because the ground is still too wet.*

- *EnviroTrac stated that they will perform additional weed killing on Cove Court, Capstan Court, and Riviera Court with Round-up® Weed Killer.*
- *K. Jackson stated that he will complete the drafts of the Substantial Completion Certificate and Punchlist for EnviroTrac to review.*
- *K. Jackson advised EnviroTrac to begin collecting affidavits from their Subcontractors for project closeout documentation. These documents can take time to collect.*

## 15. Action Items

### Previous Action Items

#### *EnviroTrac*

- *Submit outstanding vibration, crack, and settlement monitoring reports. – **Partially Completed***
- *Submit North Lawn Area Irrigation System Sketch.*
- *Submit 08/08/18 planter box topographic survey.*
- *Submit time logs for installation of additional planter box courses.*
- *Submit receipts for additional timber used in installation of additional planter box courses. - **Completed***
- *Submit PCO for 6 ft. vinyl fence gate.*
- *Submit Irrigation System PCO.*
- *Enter CAP No. 7 into AGIS. - **Completed***
- *Clean up fence post auger spoils. - **Completed***
- *Transport UST Water and PCB Decontamination Materials Drums offsite for disposal. - **Completed***
- *Collect additional North Lawn Area Documentation Samples. - **Completed***
- *Research repair for D.I. at western end of the South Lawn Area, near the Riviera Court Platform. - **Completed***
- *Submit South Lawn Area sod survey.*
- *Install J. Plug at Monitoring Well EB-45/DEC-25.*
- *Complete Wellhead Restoration at EB-47/DEC-30.*
- *Complete stenciling on Riviera Court and Capstan Court.*
- *Complete well abandonment.*
- *Remove weeds from Riviera Court, Capstan Court, and Cove Court.*
- *Submit letter requesting Substantial Completion Inspection. - **Completed***

#### *URS*

- *Provide comments on Project Progress Schedule. - **Completed***
- *Approve North Lawn Area Excavation Survey through 10/10/18. - **Completed***
- *Approve North Lawn Area Backfill Survey through 10/10/18. - **Completed***
- *Provide comments for North Lawn Area Topsoil Survey through 10/10/18. -*

**Completed**

- Provide EnviroTrac with a list of outstanding Electronic Data Deliverables. (EDDs).
- Provide EnviroTrac with a list of outstanding Category B Deliverables.
- Provide hard copy of Change Order No. 1 to EnviroTrac for signature. -

**Completed**

- Speak with Villas Property Manager Michael Jennings regarding old 6-ft. vinyl fencing.
- Ask South Lawn Area residents who previously had gates in their Yards whether or not they want those gates replaced. – **Completed**

**NYSDEC**

- Confirm how many quotes are required for the paving work. - **Completed**

Current Action Items

- **EnviroTrac**
  - Submit a sketch of the North Lawn Area Irrigation System.
  - Submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18.
  - Submit weekly crack, vibration, and settlement monitoring reports for October 2018.
  - Resubmit the North Lawn Area topsoil survey.
  - Submit analytical report from October 5, 2018 North Lawn Area Documentation Sampling.
  - Incorporate Change Order No. 1 in the next CAP.
  - Submit time log for labor associated with PCO No. 13.
  - Submit PCOs for additional fence and irrigation system work.
  - Submit CAP No. 8.
  - Replace sod where required in the South Lawn Area.
  - Place seed and mulch at the base of fence posts where necessary.
  - Test North Lawn Area lights.
  - Re-wire light on Villas Condo Building No. 1.
  - Make fence and planting modifications to South Lawn Area Yard 6.
  - Submit formal second and third quotations for the Capstan Court Paving work.
  - Complete North Lawn Area Walkway restoration.
  - Leave pallet of asphalt pavers for Villas at Riverview Condo use.
  - Complete North Lawn Area Hydroseeding.
  - Install J-Plug in monitoring well EB-45/DEC-25.
  - Perform complete wellhead restoration at monitoring well EB-47/DEC-30 and monitoring wells in Islands COV 1 and CAP 9.
  - Complete well abandonments.
  - Install North Lawn Area sod.
  - Perform additional weed killing on Cove Court, Capstan Court, and Riviera Court.
  -
- **URS**

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- *Provide comments on Project Progress Schedule.*
- *Review and comment on latest set of weekly vibration, crack, and settlement monitoring reports.*
- *Review and provide comments on the North Lawn Area Excavation Survey through October 24, 2018.*
- *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs).*
- *Provide EnviroTrac with a list of outstanding Category B Deliverables.*
- *Begin to Draft Change Order No. 2.*
- *Review PCB soils weight tickets and finalize review of PCO No. 11.*
- *Prepare Engineering Report for NYCDOB Plumbing Permit.*
- *Follow up with Villas at Riverview Condo President Brian Freeman regarding a replacement planting for London Plane Tree near 120-07 Riviera Court in the North Lawn Area.*
- *Coordinate Ivory Halo Plantings with 120-09 Riviera Court Resident.*
- *Confirm submission of South Lawn Area Sod Survey.*
- *Complete drafts of Substantial Completion Certificate and Punchlist.*
- *NYSDEC*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 17 was scheduled for Wednesday, November 14, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 1:00 pm.*

**ATTACHMENTS:**

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 16 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, October 31, 2018; 10:00 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



**4. Project Schedule**

**5. Submittals**

- **Submittal Log Attached**
- **North Lawn Area Irrigation System As-Built Drawing**
- **Weekly Vibration, Crack, and Settlement Monitoring Reports**
- **North Lawn Area Excavation Survey Through 10/24/18**

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- **North Lawn Area Backfill Survey Through 10/24/18**

- **North Lawn Area Topsoil Survey Through 10/10/18**

- **Electronic Data Deliverables**

- **Category B Deliverables**

6. **RFIs/Field Orders**
  - **Field Order No. 20 – Unrelated Drums**

7. **Field Clarification Memos**
  - **None**

8. **Disputes/Claims**
  - **None**

9. **Proposed Change Orders**

- **Change Order No. 1**

- **PCO No. 11 – PCB Soils T&D**

- **PCO No. 13 – Additional Course**

- 10. Payment Applications**
  - **Payment Application No. 7**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Slips, Trips, and Falls**

**13. Open Discussion**

- **South Lawn Area Sod Replacement**

- **South Lawn Area Plantings**

- **North Lawn Area Light Testing**
  
- **North Lawn Area Documentation Sampling Results**
  
- **South Lawn Area Yard 6**
  
- **120-07 Riviera Court**



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- **120-09 Riviera Court**

- **120-14 Riviera Court**

- **Walkway Restoration**



- **North Lawn Area Hydroseeding**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **South Lawn Area Sod Survey**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Wellhead Restoration EB-45/DEC-25 (J-Plug); EB-47/DEC-30 (Complete Restoration)**
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
- **Cove Court, Capstan Court, and Riviera Court Stenciling**

- **Riviera Court Planter Box RIV 14**

- **Well Abandonment**

- **North Lawn Area Sod Placement**

- **Weed Killing Around Courts**
  
- **Old South Lawn Area Vinyl Fencing**
  
- **Substantial Completion/Certificate/Punchlist**
  
- **Project Closeout**

**14. Action Items**

- EnviroTrac*
  - *Submit outstanding vibration, crack, and settlement monitoring reports. –*  
***Partially Completed***
  - *Submit North Lawn Area Irrigation System Sketch.*
  - *Submit 08/08/18 planter box topographic survey.*

## College Point 3 Interim Remedial Measure

### Progress Meeting No. 16 Agenda

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- *Submit time logs for installation of additional planter box courses.*
- *Submit receipts for additional timber used in installation of additional planter box courses. - **Completed***
- *Submit PCO for 6 ft. vinyl fence gate.*
- *Submit Irrigation System PCO.*
- *Enter CAP No. 7 into AGIS. - **Completed***
- *Clean up fence post auger spoils. - **Completed***
- *Transport UST Water and PCB Decontamination Materials Drums offsite for disposal. - **Completed***
- *Collect additional North Lawn Area Documentation Samples. - **Completed***
- *Research repair for D.I. at western end of the South Lawn Area, near the Riviera Court Platform. - **Completed***
- *Submit South Lawn Area sod survey.*
- *Install J. Plug at Monitoring Well EB-45/DEC-25.*
- *Complete Wellhead Restoration at EB-47/DEC-30.*
- *Complete stenciling on Riviera Court and Capstan Court.*
- *Complete well abandonment.*
- *Remove weeds from Riviera Court, Capstan Court, and Cove Court.*
- *Submit letter requesting Substantial Completion Inspection. - **Completed***

#### URS

- *Provide comments on Project Progress Schedule. - **Completed***
- *Approve North Lawn Area Excavation Survey through 10/10/18. - **Completed***
- *Approve North Lawn Area Backfill Survey through 10/10/18. - **Completed***
- *Provide comments for North Lawn Area Topsoil Survey through 10/10/18. - **Completed***
- *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables. (EDDs).*
- *Provide EnviroTrac with a list of outstanding Category B Deliverables.*
- *Provide hard copy of Change Order No. 1 to EnviroTrac for signature. - **Completed***
- *Speak with Villas Property Manager Michael Jennings regarding old 6-ft. vinyl fencing.*
- *Ask South Lawn Area residents who previously had gates in their Yards whether or not they want those gates replaced. - **Completed***

#### NYSDEC

- *Confirm how many quotes are required for the paving work. - **Completed***

#### Current Action Items:

EnviroTrac

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: October 30, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: October 30, 2018 (9:35PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the		Completed on 8/29/18 and 09/04/18	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
17	08/02/18	<p>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</p>	08/17/18	Tree removed.	
19	09/27/18	<p>Rather than excavate the area to the west of Grade Stakes 1106, 1111, 1116, and 1121 (shown on the attached (North) Grid Stakeout Plan), EnviroTrac shall clear and grub the area in accordance with the Contract Documents and place 1 ft. of clean fill material. The material shall be graded to tie into the surrounding contours shown on the attached Contract Drawing C-008 - Final Grading Plan</p>	10/08/18	EnviroTrac began clearing.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>North Lawn Area. EnviroTrac shall minimize vibration and the use of heavy equipment during the completion of the work. The pre-construction topographic survey for the North Lawn Area has also been appended for reference.</b></p>			
20	10/26/18	<p><b>There are three drums (picture attached) in the fenced-in enclosure near the Capstan Court entrance to the North Lawn Area that require disposal. One drum is a bulging drum containing water with a sheen that is unfit to ship in its current condition. The other two drums are overpack drums. One of these overpacks contains a drum full of oily socks. The other overpack contains a drum that is 1/3 filled with PCB Oil. The contents of the bulging drum can be emptied into the drum containing the PCB Oil. EnviroTrac shall use Innovative Recycling Technologies to dispose of these three drums under this Contract. The drums shall be disposed of as PCB waste with a concentration greater than 50 ppm.</b></p>			

# URS CORPORATION

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 Buffalo, New York 14202  
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Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: October 30, 2018 (9:35PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day



0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day

0009	EnviroTrac 08/07/18	Initiated by Field Order No. 9, dated 06/15/18, covers charges for the excavation of soils in the North Lawn Area impacted with excessive concentrations of PCBs and the decontamination of equipment used to complete the excavation.	1	Resubmit with Revisions on 08/17/18; Approved on 08/23/18	Y,Y	Resubmitted on 08/14/18 for \$61,059.35 and 7-calendar day extension; Resubmitted on 08/17/18 for \$54,948.00 and 7-calendar day extension	08/17/18	08/23/18	\$54,948.00	7 day
0010	EnviroTrac 08/17/18	Initiated by Field Order No. 16, covers charges for collection and analysis of samples around SS-11 and collection and analysis new waste classification sample in North Lawn Area 3.	1	Resubmit with Revisions on 09/11/18; Approved on 09/18/18	Y,Y	Resubmitted on 09/13/18 for \$3,825.29	09/13/18	09/18/18	\$3,825.29	0 day
0012	EnviroTrac 08/24/18	Per the request of the Department, covers charges for collection and analysis of sod sample for criteria compliance.	1	Approved on 09/05/18	Y,Y		08/24/18	09/05/18	\$1,548.50	0 day
0011	EnviroTrac 10/04/18	Initiated by Field Order 15, covers charges for the transportation and disposal of the soils excavated in the North Lawn Area impacted with excessive concentrations of PCBs			Y,Y				\$98,016.45	0 day
0013	EnviroTrac 10/10/18	Initiated by Field Order No. 17, covers charges for the placement of accent course and additional course on select Planter Boxes and Islands on Cove Court and Capstan Court			Y,Y				\$9,547.51	0 day

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: October 30, 2018 (9:35PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: October 30, 2018 (9:35PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: October 30, 2018 (9:35PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions			
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions			
			b		4/2/2018	W. Smith	4/9/2018	Approved			
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted			
		01040-2		Staging Areas and Contamination Reduction Zone							
		01040-3		Project Schedule		2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
			a		3/8/2018	R. West	3/12/2018	Approved			
			b		4/17/2018	K. Jackson					
			c		4/27/2018	K. Jackson					
			d		5/9/2018	K. Jackson					
			e		5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions			
			f		6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions			
			g		6/22/2018	K. Jackson					
			h		7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions			
			i		7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions			
			j		8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions			
			k		8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions			
			l		9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions			
			m		9/18/2018	K. Jackson	9/28/2018	Resubmit with Revisions			
			n		10/2/2018	K. Jackson	10/12/2018	Resubmit with Revisions			
			o		10/16/2018	K. Jackson	10/26/2018	Resubmit with Revisions			
p	10/30/2018	K. Jackson									
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>		
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions			
		b	4/13/2018		K. Jackson	5/1/2018		<i>Not Subject to Review</i>			
				01051-3		South Lawn Area Excavation Check Through 05/15/18	4/26/2018	K. Jackson	5/1/2018	<i>Not Subject to Review</i>	
				01051-4		North Lawn Area Pre-Construction Topographic Survey	5/22/2018				
		a	5/23/2018		K. Jackson		6/4/2018	Resubmit with Revisions			
		b	7/10/2018		K. Jackson		7/23/2018	Approved as Noted			
		c	8/3/2018		K. Jackson		8/10/2018	Resubmit with Revisions			
					d		8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
							8/10/2018	K. Jackson	8/10/2018	Approved	
				01051-5		South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved	
				01051-6		South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions	
				01051-7		Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions	
		a	7/13/2018		K. Jackson						
					b		7/31/2018	K. Jackson	11/2/2018	Approved	
				01051-8		South Lawn Backfill Survey through July 19, 2018	7/23/2018	K. Jackson	7/30/2018	Approved	
				01051-9		South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved	
			a		8/3/2018		K. Jackson	11/2/2018	Approved		
				01051-10		Planter Box Backfill Volumes	8/13/2018	K. Jackson	11/2/2018	Approved	
				01051-11		South Lawn Area Topsoil Survey through August 8, 2018	8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions	
			a		8/22/2018		K. Jackson	8/24/2018	Approved		
		01051-12		North Lawn Area Proposed Stakeout Plan	9/13/2018	K. Jackson					
		01051-13		North Lawn Area Excavation Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
	a		10/10/2018		K. Jackson						
			b	North Lawn Area Excavation Survey through October 10, 2018	10/12/2018	K. Jackson	10/19/2018	Approved			
		01051-14		North Lawn Area Backfill Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
	a		10/10/2018		K. Jackson						
			b	North Lawn Area Backfill Survey through October 10, 2018	10/12/2018	K. Jackson	10/19/2018	Approved			
		01051-15		Planter Box Aboveground Backfill Volumes	10/2/2018	K. Jackson	10/11/2008	Resubmit with Revisions			
	a		10/10/2018		K. Jackson						
		01051-16		North Lawn Area Topsoil Survey through October 10, 2018	10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
		01051-17		North Lawn Area Excavation Survey through October 24, 2018	10/29/2018	K. Jackson					
		01051-18		North Lawn Area Backfill Survey through October 24, 2018	10/29/2018	K. Jackson					
		01051-19		Survey Instrument Certifications							
		01051-20		Permanent Survey Control Monuments							
		01051-21		Record Survey Drawings							

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01051-22		Survey Field Notes and Records					
		01051-23+		Survey Data and Maps for On-Site Work					
		01051-24+		Sample Location Data					
01066	Decontamination Station	01066-1		Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions	
			a		5/18/2018	K. Jackson	6/1/2018	Approved as Noted	
					2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
			b		3/2/2018	K. Jackson	3/5/2018	Approved	
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		01300-2	a	RFI Template	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
			b		3/8/2018	K. Jackson	3/12/2018	Approved	
					3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
		01400-1	a	Sampling and Analysis Plan	3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
			b		3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
			c		3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	11/2/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	11/2/2018	Approved	
		01400-4		Documentation Samples PLANTER-DOC-1 through PLANTER-DOC-10 - Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions	
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	9/12/2018	G. Kisluk	11/2/2018	Approved	
		01400-6		North Lawn Area Waste Characterization Sampling - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-7		Planter Box Soils Waste Characterization Sample No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-8		North Lawn Area No. 3 Waste Characterization Sample Re-Run - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-9		Planter Box Soils Waste Characterization Sample No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-10		Backfill Analytical - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-11		Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-12		Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-13		Additional Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-14		Planter Box Documentation Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-15		PCB Results Sample Locations 21 and 22 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-16		Orphan Pile Waste Characterization Sample - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-17		PCB Soils Excavation Sample 39A - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-18		North Lawn Area No. 3 Discrete Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-19		Additional Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/2/2018	Approved	
		01400-20		Topsoil Analytical	10/9/2018	G. Kisluk	11/2/2018	Approved	
		01400-21		Documentation Samples DOC #11 through DOC #17 - Electronic Data Deliverable	10/22/2018	G. Kisluk			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	11/2/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	11/2/2018	Approved	
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	11/2/2018	Approved	
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	11/2/2018	Approved	
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	11/2/2018	Approved			
01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	11/2/2018	Approved			
01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	11/2/2018	Approved			
01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	11/2/2018	Approved			
01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	11/2/2018	Approved			
01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	11/2/2018	Approved			
01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	11/2/2018	Approved			
01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	11/2/2018	Approved			



SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01730	Vibration	01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	11/2/2018	Approved	
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	11/2/2018	Approved	
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	11/2/2018	Approved	
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	11/2/2018	Approved	
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	11/2/2018	Approved	
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson	11/2/2018	Approved	
		01730-65		Crack Gauge Inspection Report - 08/16/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-67		Crack Gauge Inspection Report - 08/30/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-68		Crack Gauge Inspection Report - 09/06/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18	9/18/2018	K. Jackson	11/2/2018	Approved	
		01730-73		Optical Settlement Monitoring Report #30 - 8/24/18	9/18/2018	K. Jackson	11/2/2018	Approved	
01730-74		Optical Settlement Monitoring Report #31 - 8/31/18	9/18/2018	K. Jackson	11/2/2018	Approved			
01730-75		Optical Settlement Monitoring Report #32 - 9/7/18	9/18/2018	K. Jackson	11/2/2018	Approved			
01730-76		Optical Settlement Monitoring Report #33 - 9/11/18	10/18/2018	K. Jackson					
01730-77		Optical Settlement Monitoring Report #34 - 9/15/18	10/18/2018	K. Jackson					
01730-78		Weekly Vibration Monitoring Report - 09/10/18 - 09/14/18	10/22/2018	K. Jackson					
01730-79		Weekly Vibration Monitoring Report - 09/17/18 - 09/21/18	10/22/2018	K. Jackson					
01730-80		Weekly Vibration Monitoring Report - 09/24/18 - 09/28/18	10/22/2018	K. Jackson					
01730-81		Optical Settlement Monitoring Report #37 - 9/25/18	10/29/2018	K. Jackson					
01730-82		Optical Settlement Monitoring Report #38 - 9/29/18	10/29/2018	K. Jackson					
01730-83		Optical Settlement Monitoring Report #35 - 9/18/18	10/30/2018	K. Jackson					
01730-84		Optical Settlement Monitoring Report #36 - 9/22/18	10/30/2018	K. Jackson					
01730-85		Crack Gauge Inspection Report - 09/20/18	10/30/2018	K. Jackson					
01730-86		Final Results Report							
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			b		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
		02120-2			SPDES GP-0-15-002 Compliance Information				
		02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
					4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions	

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02220	Excavation		b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-3	a	PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	8/24/2018	K. Jackson	8/28/2018	Approved	
		02230-1		Anticipated Disposal Facility	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1a			3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-2		South Lawn Area Soil Waste Profile	3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-3		Planter Box Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	5/30/2018	M. Haggerty	6/5/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	6/12/2018	K. Jackson	11/2/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/10/2018	K. Jackson	11/2/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-9		Decon Rinsate Profile	8/15/2018	M. Haggerty	8/17/2018	Approved	
		02230-10		Orphan Pile Signed Waste Management Fairless Hills Profile	9/7/2018	M. Haggerty	9/12/2018	Approved	
		02230-11		Underground Storage Tank Water Profile	9/24/2018	C. Dusel	9/26/2018	Approved	
02230-12		Orphan Pile Signed Bayshore Soil Management Profile	10/2/2018	M. Haggerty	10/4/2018	Approved			
02230-13		PCB Soils Clean Earth of North Jersey Certificate of Disposal	10/15/2018	M. Haggerty	10/15/2018	Approved			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	10/30/2018	K. Jackson			
		02300-2		Filling and Grading Work Plan	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-6		Concrete Sand Sieve Analysis	6/22/2018	K. Jackson	11/2/2018	Approved	
		02300-7		Sample Location Sketch	10/2/2018	K. Jackson			
		02300-8		Final Grading Plan		K. Jackson			
02503	Restoration	02503-1		Proposed Replacement Fence Materials	10/4/2018	K. Jackson	10/5/2018	Approved as Noted	
		02503-2		Restoration Work Plan					
		02508-1	a	Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions			
02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/5/2018	K. Jackson	6/8/2018	Approved			
02508-7		a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/4/2018	K. Jackson	6/8/2018	Approved		
				6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions		
				6/19/2018	K. Jackson	6/21/2018	Approved		

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02508	Community Air Monitoring Program	02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	11/2/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	11/2/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	11/2/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	11/2/2018	Approved	
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson	9/21/2018	Approved	
		02508-26		Weekly Air Monitoring Report - 09/17/18 - 9/21/18	9/24/2018	K. Jackson	9/28/2018	Approved	
		02508-27		Weekly Air Monitoring Report - 09/24/18 - 9/28/18	10/1/2018	K. Jackson	10/5/2018	Approved	
		02508-28		Raw Monitoring Data - September 2018	10/1/2018	K. Jackson	11/2/2018	Approved	
02508-29		Weekly Air Monitoring Report - 10/1/18 - 10/5/18	10/8/2018	K. Jackson	10/12/2018	Approved			
02508-30		Weekly Air Monitoring Report - 10/8/18 - 10/12/18	10/15/2018	K. Jackson	10/19/2018	Approved			
02508-31		Weekly Air Monitoring Report - 10/15/18 - 10/19/18	10/22/2018	K. Jackson	10/26/2018	Approved			
02508-32		Weekly Air Monitoring Report - 10/22/18 - 10/26/18	10/29/2018	K. Jackson					
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G. Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		c	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		d	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
					6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
					2/28/2018	B. Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
			a	Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
					9/17/2018	D. Morehouse	11/2/2018	Approved	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
10/12/18	CY		LIO	30	LIO	North Lawn Area Clearing;Non-Metal Debris from North Lawn Area Excavation; Jennings Planter Box Timbers	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

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06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	55320	27.66	1	016327593.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	61340	30.67	2	016327599.JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	Y	N	50380	25.19	3	016327597.JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	57880	28.94	4	016327600.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	52600	26.3	5	016327601.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	47540	23.77	6	016327595.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	30540	15.27	7	016327594.JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	60020	30.01	8	016327607.JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	Y	N	46380	23.19	9	016327606.JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	58540	29.27	10	016327596.JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61200	30.6	103	1254715	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

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 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lelia Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
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 INN - Innovative Recycling Technologies

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54820	27.41	104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55200	27.6	105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55380	27.69	106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54260	27.13	107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54800	27.4	108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	66220	33.11	109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62440	31.22	110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61820	30.91	111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62180	31.09	112	1254726	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55400	27.7	113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	56720	28.36	114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55860	27.93	115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	45320	22.66	116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59280	29.64	117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55520	27.76	118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53140	26.57	119	1254802	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	52100	26.05	120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	50420	25.21	121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	57360	28.68	122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53840	26.92	123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62480	31.24	124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59380	29.69	125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59300	29.65	126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	63020	31.51	127	1254797	
09/17/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53400	26.7	128	1691353	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47280	23.64	129	1254796	
09/19/18	TONS	NJ AU568E	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46340	23.17	130	1254795	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52540	26.27	131	1691262	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51860	25.93	132	1691261	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55820	27.91	133	1691259	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46920	23.46	134	1691260	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	59540	29.77	135	1691258	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46100	23.05	136	1691251	
09/19/18	TONS	NJ AT862D	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53540	26.77	137	1691257	
09/19/18	TONS	NJ AU568C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51980	25.99	138	1691253	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47700	23.85	139	1254794	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49460	24.73	140	1254793	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	56640	28.32	141	1254791	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	45680	22.84	142	1691255	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54180	27.09	143	1691254	
09/19/18	TONS	NJ AU399C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	48240	24.12	144	1691252	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49540	24.77	145	1691256	
09/19/18	TONS	NJ AS687P	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55980	27.99	146	1254792	
09/20/18	TONS	NJ AS375X	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	44700	22.35	147	1691222	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51680	25.84	148	1691221	
09/20/18	TONS	NJ AU963D		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51480	25.74	149	1817626	
09/20/18	TONS	NJ AT374N		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51360	25.68	150	1817627	
09/20/18	TONS		AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49100	24.55	151	1817625	
09/20/18	TONS	NJ AT491P		22	CE	North Lawn Area N3 Soil	NH	Y	Y	52900	26.45	152	1817624	
09/20/18	TONS	NJ AS688P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53500	26.75	153	1817623	
09/20/18	TONS	NJ AS687P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52920	26.46	154	1817622	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51960	25.98	155	1817621	
09/20/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52200	26.1	156	1817620	
09/20/18	TONS	NJ AT379N	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51820	25.91	157	1817619	
09/20/18	TONS	NJ AS921D	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	50040	25.02	158	1817618	
09/20/18	TONS	NJ AU962D	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54140	27.07	159	1817617	
09/20/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53160	26.58	160	1817616	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			161	1817615	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			162	1817614	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			163	1817613	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			164	1817612	
09/24/18	TONS	NJ AU641U	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			165	1817610	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			166	1817610	
09/24/18	TONS	NJ AU963D	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			167	1817609	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			168	1817608	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N			169	1817606	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			170	1817607	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N			171	1817605	
09/24/18	TONS	NJ AU641D	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			172	1817604	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N			173	1817603	
09/25/18	TONS	NJ AT585X	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			174	1817602	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			175	1817601	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			176	1817600	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N			177	1817599	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			178	1817598	
09/25/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			179	1817597	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			180	1817596	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N			181	1817595	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N			182	1817594	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N			183	1817593	
09/25/18	TONS	NJ AS859P	SHR	22	CE	NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD	NH	N	N			184	1817592	
09/27/18	TONS	NJ AU418L	BRA	22	CE	North Lawn Area N3 Soil	NH	N	N			185	1817591	
09/27/18	TONS	NJ AR629H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			186	1817590	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			187	1817589	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			188	1817588	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			189	1817587	
09/27/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			190	1817586	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			191	1817585	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			192	1817584	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			193	1817583	
09/27/18	TONS	NJ AU418C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N			194	1817582	
10/02/18	TONS	NJ AT713P	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N			195	1673562	
10/02/18	TONS	NJ NS944	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N			196	1622898	
10/02/18	TONS	NJ AL794W	CF	22	CE	North Lawn Area N2 Soil	NH	N	N			197	1817580	
10/02/18	TONS	NJ AS137R	CF	22	CE	North Lawn Area N2 Soil	NH	N	N			198	1817581	
10/03/18	TONS	NJ AS756F	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			199	1817531	
10/03/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			200	1817538	
10/03/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			201	1817537	
10/03/18	TONS	NJ AS269R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			202	1817536	
10/04/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			203	1817535	
10/04/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			204	1817534	
10/04/18	TONS	NJ AS756P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			205	1817533	
10/04/18	TONS	NJ AS264R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N			206	1817532	
10/16/18	TONS	NJ AS566X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			207	1817539	
10/16/18	TONS	NJ A6134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			208	1817540	
10/16/18	TONS	NJ AT379Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			209	1817541	
10/16/18	TONS	NJ AU842R	JCT	22	CE	North Lawn Area N2 Soil	NH	N	N			210	1817542	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			211	1817543	
10/16/18	TONS	NJ AS122L	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			212	1817579	
10/16/18	TONS	NJ AT579Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			213	1817578	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			214	1817574	
10/16/18	TONS	NJ AS740V	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			215	1817575	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N			216	1817576	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N			217	1817577	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			1	28118-1	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			2	28118-2	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			3	28118-3	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			4	28118-4	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			5	28118-5	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N			6	28118-6	
10/18/18	DRUM		INN	6	CEJ	UST Water Drums	NH	N	N			1	28117	
10/18/18	DRUM		INN	1	CEJ	PCB Decontamination Materials Drum	H	N	N			1	016327731JJK	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N			218	1817573	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			219	1817572	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N			220	1817571	
10/18/18	TONS	NJ AU976A	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			221	1817570	
10/18/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			222	1817566	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			223	1817567	



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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			224	1817564	
10/22/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			225	1817569	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			226	1817565	
10/22/18	TONS	NJ AS369X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			227	1817563	
10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			228	1817559	
10/22/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			229	1817560	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			230	1817561	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			231	1817562	
10/23/18	TONS	NJ AU222A	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			232	1817558	
10/23/18	TONS	NJ AU976B	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			233	1817557	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			234	1817556	

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

Look Back

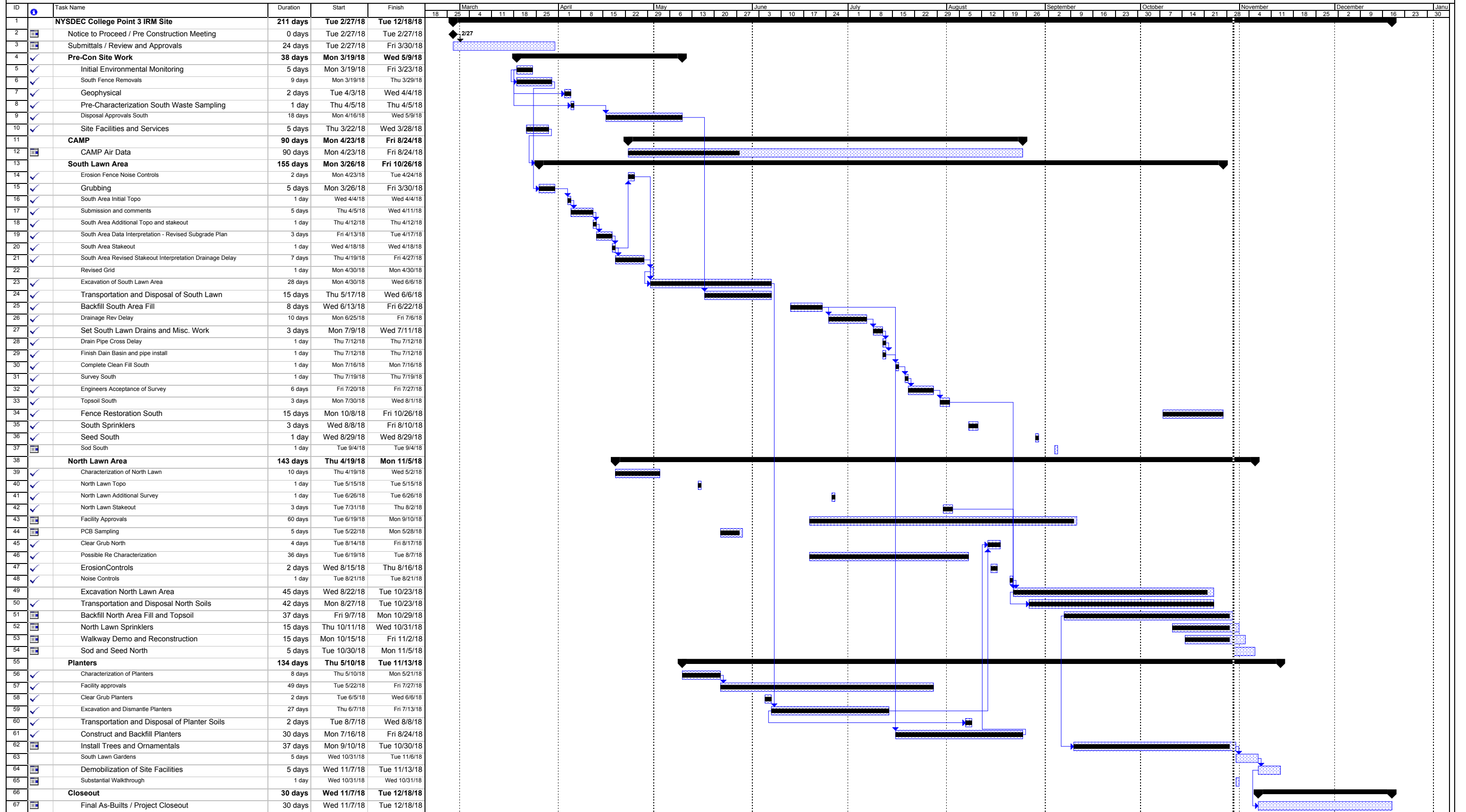
Date	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	22-Oct	23-Oct	24-Oct	25-Oct	26-Oct
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 15			X								
Doc Samples									X		
Survey North Grid			X						X		
Fence Installation					X			X	X	X	X
Backfill North Area								X			
Topsoil North	X	X	X						X	X	X
North Lawn Soil Disposal							X				
North Lawn Excavation		X	X								
Dilination Pile Disposal			X								
Drum Disposal							X				
Walkway Restoration	X	X					X				
Sprinkler North			X				X				X
North Planting	X	X	X	X	X		X	X	X	X	X

Look Ahead

Date	29-Oct	30-Oct	31-Oct	1-Nov	2-Nov	3-Nov	5-Nov	6-Nov	7-Nov	8-Nov	9-Nov
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 16			X								
Final surveys							X				
South Garden Plantings				X	X		X				
Drum Disposal					X						
Walkway Restoration	X	X	X				X	X			
Sprinkler North			X								
Sod North			X								
North Planting	X	X	X								
Well Abandonments							X	X			

**ATTACHMENT C:**  
**PROJECT PROGRESS SCHEDULE**

**NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY**



Project: COLLEGE POINT IRM 3    Date: Tue 10/30/18

Task    Progress    Summary    Rolled Up Split    Rolled Up Progress    Project Summary    Deadline  
Split    Milestone    Rolled Up Task    Rolled Up Milestone    External Tasks    External Milestone

PROJECT PROGRESS MEETING No. 17 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Wednesday, November 14, 2018; 10:30 A.M.  
Location: URS Site Trailer

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC  
Chuck Dusel – URS  
Kyle Jackson – URS  
Mark Lang – URS  
Randy West – URS (via telephone)  
Joe Byrnes – EnviroTrac  
Michael Rose – EnviroTrac  
Michael Alliegro – EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 15 on 10/30/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 16. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 15 are now deemed final. URS distributed the minutes from Progress Meeting No. 16 on 11/13/18. M. Rose stated that he had not had a chance to review the minutes prior to today's meeting. The minutes from Progress Meeting No. 16 will remain open.*

**3. Progress Since Last Meeting**

*M. Rose e-mailed a two-week look ahead/look behind schedule prior to today's meeting that served as the guide for this discussion. It is included as Attachment B. M. Rose stated that over the past two weeks, EnviroTrac completed surveys of the North Lawn Area topsoil, completed the Yard Plantings in the South Lawn Area, disposed of the drums from the NYSDEC's enclosure, completed the North Lawn Area Walkway Restoration, completed the installation of the North Lawn Area Irrigation System, installed sod in the North Lawn Area, began the abandonment of wells onsite, began addressing punchlist items, and loaded out the old vinyl fence that was staged in the North Lawn Area. EnviroTrac also collected the waste characterization sample for the soils around Documentation Sample Location DOC #19 on 11/12/18. They stated that it typically takes 3 days for the analytical results to come in.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on demobilizing the sea container, removing the Liotta rolloff from site, continuing to complete punchlist items, and potentially completing the excavation around Documentation Sample Location DOC #19. EnviroTrac stated the due to inclement weather in the forecast,*

*they will not be present onsite on Friday, November 16, 2018. They stated that they will also be completely offsite for the week of November 19, 2018 through November 23, 2018 for the Thanksgiving Holiday.*

**5. Project Schedule**

*EnviroTrac's current Project Progress Schedule, submitted on 11/13/18, served as the guide for this discussion. It is included as Attachment C.*

*URS responded to EnviroTrac's previous Project Progress Schedule, "Resubmit with Revisions", on 11/12/18. M. Rose stated that he has addressed URS' comments on the schedule. URS will review the latest Project Progress Schedule as a formal submittal and provide comments.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*K. Jackson stated that EnviroTrac still must submit a sketch of the layout for the North Lawn Area Irrigation System. M. Alliegro stated that he spoke with John Blaskovik at Pacific Lawn Sprinklers today regarding the sketch. EnviroTrac will submit the sketch. M. Alliegro stated that he also spoke with Pacific regarding scheduling for winterizing the North Lawn Area Irrigation System.*

*K. Jackson stated that EnviroTrac must still submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18. K. Jackson stated that EnviroTrac must also submit weekly vibration, crack, and settlement monitoring reports for all of October 2018. EnviroTrac will submit the reports.*

*EnviroTrac submitted a North Lawn Area Excavation Survey through October 24, 2018 on 10/29/18. URS responded "Resubmit with Revisions" to the submittal on 11/06/18 with a request to include the documentation sample locations. EnviroTrac resubmitted the Survey on 11/07/18 and URS approved it on 11/13/18. The excavation quantity in that submittal, 2,148.32 cubic yards, is final.*

*EnviroTrac submitted a North Lawn Area Backfill Survey through October 24, 2018 on 10/29/18. URS reviewed the Survey and approved it on 11/06/18. The Contract grades have been met.*

*EnviroTrac submitted a North Lawn Area Topsoil Survey through October 29, 2018 on 11/08/18. URS responded "Resubmit with Revisions" to the Submittal on 11/13/18. K. Jackson stated that some of the grid points seemed different than those measured in the field. EnviroTrac will investigate the matter with their surveyor, LKMA.*

*EnviroTrac submitted a South Lawn Area As-Built Survey on 11/07/18. K. Jackson and R. West reviewed the Survey and responded "Resubmit with Revisions" on 11/13/18. There are some formatting issues that need to be resolved. URS would also like the plants that were installed in the South Lawn Area to be surveyed. There is also a 230-square yard discrepancy in the areas calculated for the sod and the topsoil that needs to be resolved. EnviroTrac will discuss the discrepancy in the sod and topsoil*

*areas with their surveyor, LKMA.*

*K. Jackson provided EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs) and Category B Deliverables for the project on 11/13/18. M. Rose stated that he forwarded the list to their analytical laboratory, ChemTech. ChemTech will provide the materials.*

*K. Jackson stated that EnviroTrac must submit all of the survey data, instrument certifications, field notes, and survey control monuments for the project from their surveyor, LKMA. EnviroTrac will submit the materials.*

*K. Jackson stated that EnviroTrac must still submit a Restoration Work Plan. The major items to be included in the Plan are the fence installation and the paving. EnviroTrac will prepare and submit the Plan.*

*K. Jackson stated that EnviroTrac must submit a Quality Control Summary, which is a compilation of the Quality Control Reports submitted by EnviroTrac. M. Alliegro has signed EnviroTrac's Daily Quality Control Reports and submitted them to K. Jackson on a weekly basis. K. Jackson will send the signed reports back to EnviroTrac so that they can be submitted as one, complete .pdf.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

None

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*EnviroTrac submitted the weight tickets for the transportation and disposal of the PCB soils included in PCO No. 11 on 10/30/18. K. Jackson stated that the sum of the weights on the tickets is 8 tons less than the total reported in the original 10/04/18 submission of the PCO. One non-hazardous drum and one documentation sample must also be added to the tallies in PCO. URS will provide EnviroTrac with a markup of PCO No. 11.*

*EnviroTrac submitted receipts for the lumber used to install the accent course and additional Island course associated with PCO No. 13 on 10/29/18. K. Jackson stated that there is a \$613.67 receipt missing from the backup. EnviroTrac submitted time logs for the labor associated with the PCO on 11/06/18. URS provided comments on the time logs on 11/13/18. K. Jackson stated that EnviroTrac's value of the labor is \$3,035.00 higher than URS'. M. Rose stated that he will have comments on URS' assessment of the labor required for the work. M. Alliegro and K. Jackson did not*



*complete daily time logs during the completion of the work. They will resolve labor issues.*

*K. Jackson stated that EnviroTrac submitted the weight tickets for the Delineation (Orphan) Pile on 11/06/18. The weight of the material is 154.55 tons. M. Haggerty asked if the total cost of the transportation and disposal of the orphan pile was less than \$10,000.00. K. Jackson responded that it was. EnviroTrac will submit the PCO (PCO No. 14) for the transportation and disposal of the Orphan Pile.*

*K. Jackson stated that EnviroTrac must submit a PCO for the abandonment of the SG points onsite. EnviroTrac will submit the PCO.*

*K. Jackson stated that EnviroTrac must submit a PCO for replacing the cover on the D.I. at the western end of the South Lawn Area, near the Riviera Court Platform. URS and the Department stated that the replacement cover that EnviroTrac currently has in place is not what they envisioned. M. Alliegro stated that it is also not what EnviroTrac had envisioned. M. Alliegro stated that EnviroTrac wanted to invert the cover that is currently in place, but the opening at the D.I. is not wide enough. They would have to cut out some concrete at the D.I. in order to accommodate the cover. EnviroTrac proposed reusing the existing grate cover and bolting it to the D.I. M. Haggerty did not take exception to this as long as the D.I. could still be accessed. Parties will look at the D.I. again after the meeting.*

*K. Jackson stated that EnviroTrac must still submit PCO's for the drip line installations on Riviera Court, the installation of the 6 ft. vinyl gate from Keys, the installation of the irrigation system isolation valve from Pacific, and transportation and disposal of the drums from NYSDEC's enclosure. M. Rose asked if some of these PCO's could be combined into one. URS responded that they could.*

*M. Alliegro asked if the time for cleaning NYSDEC's enclosure could be included in the PCO for the transportation and disposal of the drums. URS responded that it could.*

#### **11. Payment Applications**

*EnviroTrac submitted CAP No. 8, for \$461,003.26, into AGIS on Friday 11/09/18. C. Dusel stated that the CAP was approved in AGIS in the morning on Tuesday 11/13/18.*

#### **12. WBE/MBE Utilization**

*C. Dusel stated that the next quarterly report is due at the end of December 2018. He will contact M. Rose. URS will need invoices from EnviroTrac's WBE/MBE sub-subcontractors, including those from John Dull at Innovative Recycling Technologies.*

#### **13. Health and Safety**

*K. Jackson reminded meeting parties to be mindful slips, trips, and falls while walking across the site. There has been a significant amount of rain onsite recently and the temperatures in the mornings have been colder.*

#### 14. Open Discussion

- *Meeting parties discussed the excavation around documentation sample location DOC #19. URS will issue a Field Order (Field Order No. 21) to EnviroTrac for the sampling and the excavation. M. Rose stated that EnviroTrac should have the analytical report for the waste characterization sample back from ChemTech on Friday 11/16/18. Innovative Recycling Technologies will explore disposal options for EnviroTrac. A 20 ft. x 20 ft. area will be excavated around DOC #19. The first 1 ft. of material will be stockpiled and used as backfill material. EnviroTrac stated that they can make repairs to the irrigation system piping if it is damaged during the excavation. They will rent a mini-excavator to complete the excavation. M. Rose stated that repairs to their skid steel loader should be complete by the time site parties are ready to perform the excavation. They will ideally use their skid steer during the excavation. Excavating the soils directly into rolloffs was briefly discussed. The most likely scenario is excavating the soil and using the skid steer forks to taxi 1 to 2 cubic yard loads to two rolloffs staged at Capstan Court and Riviera Court.*
- *EnviroTrac has elected to place peat moss and seed select areas around the 6 ft. vinyl fence in the South Lawn Area where sod replacement was warranted rather replace sod. After seeing this during the pre-meeting site walkover, URS and the Department has deemed this acceptable.*
- *EnviroTrac still needs to run conduit up the Eastern Wall of Villas Condo Building No. 1 to the light located there. EnviroTrac's electrician has completed conduit and cable installation in the remainder of the North Lawn Area. The lights bordering the North Lawn Area operate on a photo cell and they turn on when the sun goes down. Some of these lights still do not turn on. EnviroTrac stated that they may have crossed a wire. They also stated that the sub-panel at the back end of the North Lawn Area was turned off prior to the beginning of construction on the site. EnviroTrac is not sure if all of the lights worked properly prior to construction. K. Jackson stated that he will ask Villas Condo President Brian Freeman about the lights.*
- *The resident at 120-07 Riviera Court objected to the London Plane Tree that was specified to be installed in the North Lawn Area planting bed behind his residence. Villas Condo President Brian Freeman recommended a Sweetbay Magnolia Tree as a replacement for the London Plane Tree. When EnviroTrac put the Sweetbay Magnolia Tee into place, without planting it, the resident at 120-07 Riviera Court took objection to it. M. Haggerty stated that the Condo Board reviewed the plans for the project and approved the plants that were specified to be installed. K. Jackson will discuss the matter with Villas Condo President Brian Freeman.*
- *The resident at 120-01 Riviera Court asked K. Jackson and M. Alliegro for a written confirmation that a crack in the foundation on the western side of his residence isn't compromising to the structure. Meeting parties agreed that that confirmation could not be provided. The crack was monitored during construction and the gauge on that crack did not change. URS will prepare a response for the*

**College Point 3 Interim Remedial Measure  
Project Progress Meeting 17  
Page 6**

*resident.*

- *EnviroTrac has received all three quotes required for the asphalt installation on Capstan Court. Atlas and Sons Asphalt was the low bidder at \$11,500.00. M. Rose stated that Atlas representatives did not come to the site prior to bid. M. Rose sent pictures of the areas to be paved to Atlas.*
- *R. West stated that URS sent the requested Engineering Report for the Yard Drain to McManus Mechanical Maintenance Plumbing and Heating. He is waiting to hear a response. R. West held an earlier conversation with Robert McManus, our contact there, and R. McManus stated that he did not anticipate that the Yard Drain would have to be uncovered during the NYCDOB inspection.*
- *A woman from Pacific Lawn Sprinklers contacted Villas at Riverview Condo Property Manager Michael Jennings regarding the winterization of the North Lawn Irrigation System. He referred her to K. Jackson. She called K. Jackson last week and left a voicemail. M. Alliegro stated earlier in the meeting that EnviroTrac is coordinating the work with Pacific.*
- *K. Jackson stated that EnviroTrac must still weld the anchors to the metal edging of the North Lawn Area Walkway. URS and the Department informed EnviroTrac that they were pleased with the way the walkway turned out.*
- *EnviroTrac stated that they will complete the stenciling on Riviera Court and Cove Court as a punchlist item.*
- *EnviroTrac stated that they completed the majority of the well abandonments on Wednesday 11/07/18 and Friday 11/09/18. One well remains to be abandoned beneath sea container at the corner of Riviera Court and Capstan Court.*
- *K. Jackson and M. Alliegro looked for monitoring well DEC-17R at the Powell Cove Estates on Friday 11/09/18. The well has been covered with gravel and fill has been deemed not accessible.*
- *M. Haggerty distributed the signed Substantial Completion Certificates today. Copies were provided to both URS and EnviroTrac.*
- *K. Jackson instructed EnviroTrac to keep contacting their sub-subcontractors to complete affidavits for closeout of the project.*
- *EnviroTrac requested permission to take down the chain-link fence on the eastern side of the North Lawn Area and the snow fence on the southern side of the North Lawn Area, bordering Riviera Court. URS and the Department granted this permission today.*

## 15. Action Items

### Previous Action Items

- *EnviroTrac*
  - *Submit a sketch of the North Lawn Area Irrigation System.*
  - *Submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18.*
  - *Submit weekly crack, vibration, and settlement monitoring reports for October 2018.*
  - *Resubmit the North Lawn Area topsoil survey. – **Completed***
  - *Submit analytical report from October 5, 2018 North Lawn Area Documentation Sampling. – **Completed***
  - *Incorporate Change Order No. 1 in the next CAP. – **Completed***
  - *Submit time log for labor associated with PCO No. 13. – **Completed***
  - *Submit PCOs for additional fence and irrigation system work.*
  - *Submit CAP No. 8. – **Completed***
  - *Replace sod where required in the South Lawn Area.*
  - *Place seed and mulch at the base of fence posts where necessary. – **Completed***
  - *Test North Lawn Area lights.*
  - *Re-wire light on Villas Condo Building No. 1.*
  - *Make fence and planting modifications to South Lawn Area Yard 6. – **Completed***
  - *Submit formal second and third quotations for the Capstan Court Paving work. – **Completed***
  - *Complete North Lawn Area Walkway restoration.*
  - *Leave pallet of asphalt pavers for Villas at Riverview Condo use. – **Completed***
  - *Complete North Lawn Area Hydroseeding. – **Completed***
  - *Install J-Plug in monitoring well EB-45/DEC-25. – **Completed***
  - *Perform complete wellhead restoration at monitoring well EB-47/DEC-30 and monitoring wells in Islands COV 1 and CAP 9. – **Completed***
  - *Complete well abandonments.*
  - *Install North Lawn Area sod. – **Completed***
  - *Perform additional weed killing on Cove Court, Capstan Court, and Riviera Court. – **Completed***
  -
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Review and comment on latest set of weekly vibration, crack, and settlement monitoring reports.*
  - *Review and provide comments on the North Lawn Area Excavation Survey through October 24, 2018. – **Completed***
  - *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs). – **Completed***
  - *Provide EnviroTrac with a list of outstanding Category B Deliverables. – **Completed***
  - *Begin to Draft Change Order No. 2. – **Completed***

- *Review PCB soils weight tickets and finalize review of PCO No. 11. – **Completed***
  - *Prepare Engineering Report for NYCDOB Plumbing Permit. – **Completed***
  - *Follow up with Villas at Riverview Condo President Brian Freeman regarding a replacement planting for London Plane Tree near 120-07 Riviera Court in the North Lawn Area. – **Completed***
  - *Coordinate Ivory Halo Plantings with 120-09 Riviera Court Resident. – **Completed***
  - *Confirm submission of South Lawn Area Sod Survey. – **Completed***  
*Complete drafts of Substantial Completion Certificate and Punchlist. – **Completed***
- *NYSDEC*

Current Action Items

- *EnviroTrac*
  - *Submit a sketch of the North Lawn Area Irrigation System.*
  - *Submit outstanding weekly crack, vibration, and settlement monitoring reports.*
  - *Discuss North Lawn Area Topsoil Survey with LKMA.*
  - *Resubmit South Lawn Area As-Built Survey*
  - *Discuss discrepancy in sod and topsoil areas with LKMA.*
  - *Submit outstanding EDDs and Category B Deliverables.*
  - *Submit survey data for the project.*
  - *Submit Restoration Work Plan.*
  - *Submit Quality Control Summary.*
  - *Provide comments to URS' comments on PCO No. 13 time logs.*
  - *Submit PCO No. 14 for the transportation and disposal of the Delineation (Orphan) Pile.*
  - *Submit PCO for the abandonment of the SG points.*
  - *Submit PCO for replacement of D.I. cover.*
  - *Submit PCO for the drip line installation.*
  - *Submit PCO for the fence installation.*
  - *Submit PCO for the irrigation system.*
  - *Submit PCO for transportation and disposal of drums from NYDEC's enclosure.*
  - *Submit WBE/MBE Invoices*
  - *Complete North Lawn Area electrical repairs.*
  - *Weld anchors to metal edging of North Lawn Area Walkway.*
  - *Complete stenciling on Cove Court and Riviera Court.*
  - *Complete well and soil gas point abandonments.*
  - *Submit sub-subcontractor affidavits.*
  - *Remove fencing from North Lawn Area.*
- *URS*
  - *Provide comments on Project Progress Schedule.*
  - *Send signed Daily Quality Control Reports back to EnviroTrac.*
  - *Provide EnviroTrac with a markup of PCO No. 11.*
  - *Issue Field Order No. 21.*

**College Point 3 Interim Remedial Measure**

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- *Ask Villas at Riverview Condo President Brian Freeman About North Lawn Area Lights.*
- *Ask Villas at Riverview Condo President Brian Freeman About Magnolia Tree.*
- *Prepare Response for Resident at 120-01 Riviera Court regarding foundation cracks.*
- *Prepare bid letter for pavement installation.*
- *NYSDEC*

**16. Next Scheduled Progress Meeting**

- *Project Progress Meeting No. 18 was scheduled for Thursday, November 29, 2018 at 10:00 AM.*

**17. Adjournment**

- *The meeting was adjourned at 12:00 pm.*

*ATTACHMENTS:*

*A – Meeting Agenda*

*B – Two Week Look Ahead/Look Behind Schedule*

*C – Project Progress Schedule*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 17 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Wednesday, November 14, 2018; 10:30 A.M.

Location: Project Site – URS Office Trailer

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



**4. Project Schedule**

**5. Submittals**

- Submittal Log Attached**
  
- North Lawn Area Irrigation System As-Built Drawing**
  
- Weekly Vibration, Crack, and Settlement Monitoring Reports**
  
- North Lawn Area Excavation Survey Through 10/24/18**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 17 Agenda  
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- **North Lawn Area Backfill Survey Through 10/24/18**

- **North Lawn Area Topsoil Survey Through 10/29/18**

- **South Lawn Area As-Built Drawing**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 17 Agenda  
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- **Electronic Data Deliverables**
  
- **Category B Deliverables**
  
- **Final Survey Data/Instrument Certifications/Field Notes/Survey Control  
Monuments**

- **Restoration Work Plan**

- **Quality Control Summary**

**6. RFI/Field Orders**

- **None**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

- **None**

**9. Proposed Change Orders**

- **PCO No. 11 – PCB Soils T&D**

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 17 Agenda  
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- **PCO No. 13 – Additional Course**
- **PCO Delineation (Orphan) Pile**
- **PCO SG Point Abandonment**
- **PCO South Lawn Area D.I. Manhole Cover**

- **PCO Drip Line Installation**

- **PCO Irrigation System and Fence Installation**

- 10. Payment Applications**
  - **Payment Application No. 8**

**11. WBE/MBE Utilization**

**12. Health and Safety**

- **Slips, Trips, and Falls**

**13. Open Discussion**

- **Documentation Sample Location DOC #19 Excavation**

- **South Lawn Area Sod Replacement**

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- **North Lawn Area Light Testing**

- **120-07 Riviera Court**

- **120-01 Riviera Court**

- **Capstan Court Pavement**



**College Point 3 Interim Remedial Measure  
Progress Meeting No. 17 Agenda  
Page 10**

- **NYCDOB Plumbing Permit**
- **North Lawn Area Irrigation System Winterization**
- **Walkway Restoration**
- **Cove Court, Capstan Court, and Riviera Court Stenciling**

- **Well Abandonment**
- **Well at Powell Cove Estates**
- **Substantial Completion/Certificate/Punchlist**
- **Project Closeout**

14. Action Items

Previous Action Items

- *EnviroTrac*
  - *Submit a sketch of the North Lawn Area Irrigation System.*
  - *Submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18.*
  - *Submit weekly crack, vibration, and settlement monitoring reports for October 2018.*
  - *Resubmit the North Lawn Area topsoil survey. – **Completed***
  - *Submit analytical report from October 5, 2018 North Lawn Area Documentation Sampling. – **Completed***
  - *Incorporate Change Order No. 1 in the next CAP. – **Completed***
  - *Submit time log for labor associated with PCO No. 13. – **Completed***
  - *Submit PCOs for additional fence and irrigation system work.*
  - *Submit CAP No. 8. – **Completed***
  - *Replace sod where required in the South Lawn Area.*
  - *Place seed and mulch at the base of fence posts where necessary. – **Completed***
  - *Test North Lawn Area lights.*
  - *Re-wire light on Villas Condo Building No. 1.*
  - *Make fence and planting modifications to South Lawn Area Yard 6. – **Completed***
  - *Submit formal second and third quotations for the Capstan Court Paving work. – **Completed***
  - *Complete North Lawn Area Walkway restoration.*
  - *Leave pallet of asphalt pavers for Villas at Riverview Condo use. – **Completed***
  - *Complete North Lawn Area Hydroseeding. – **Completed***
  - *Install J-Plug in monitoring well EB-45/DEC-25. – **Completed***
  - *Perform complete wellhead restoration at monitoring well EB-47/DEC-30 and monitoring wells in Islands COV 1 and CAP 9. – **Completed***
  - *Complete well abandonments.*
  - *Install North Lawn Area sod. – **Completed***
  - *Perform additional weed killing on Cove Court, Capstan Court, and Riviera Court. – **Completed***
  -
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Review and comment on latest set of weekly vibration, crack, and settlement monitoring reports.*
  - *Review and provide comments on the North Lawn Area Excavation Survey through October 24, 2018. – **Completed***
  - *Provide EnviroTrac with a list of outstanding Electronic Data Deliverables (EDDs). – **Completed***
  - *Provide EnviroTrac with a list of outstanding Category B Deliverables. – **Completed***
  - *Begin to Draft Change Order No. 2. – **Completed***
  - *Review PCB soils weight tickets and finalize review of PCO No. 11. –*

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 17 Agenda  
Page 13**

***Completed***

- *Prepare Engineering Report for NYCDOB Plumbing Permit. – **Completed***
  - *Follow up with Villas at Riverview Condo President Brian Freeman regarding a replacement planting for London Plane Tree near 120-07 Riviera Court in the North Lawn Area. – **Completed***
  - *Coordinate Ivory Halo Plantings with 120-09 Riviera Court Resident. – **Completed***
  - *Confirm submission of South Lawn Area Sod Survey. – **Completed***  
*Complete drafts of Substantial Completion Certificate and Punchlist. – **Completed***
- *NYSDEC*

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: November 13, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: November 13, 2018 (4:19PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the		Completed on 8/29/18 and 09/04/18	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
17	08/02/18	<p>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</p>	08/17/18	Tree removed.	
19	09/27/18	<p>Rather than excavate the area to the west of Grade Stakes 1106, 1111, 1116, and 1121 (shown on the attached (North) Grid Stakeout Plan), EnviroTrac shall clear and grub the area in accordance with the Contract Documents and place 1 ft. of clean fill material. The material shall be graded to tie into the surrounding contours shown on the attached Contract Drawing C-008 - Final Grading Plan</p>	10/08/18	EnviroTrac began clearing.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>North Lawn Area. EnviroTrac shall minimize vibration and the use of heavy equipment during the completion of the work. The pre-construction topographic survey for the North Lawn Area has also been appended for reference.</b></p>			
20	10/26/18	<p><b>There are three drums (picture attached) in the fenced-in enclosure near the Capstan Court entrance to the North Lawn Area that require disposal. One drum is a bulging drum containing water with a sheen that is unfit to ship in its current condition. The other two drums are overpack drums. One of these overpacks contains a drum full of oily socks. The other overpack contains a drum that is 1/3 filled with PCB Oil. The contents of the bulging drum can be emptied into the drum containing the PCB Oil. EnviroTrac shall use Innovative Recycling Technologies to dispose of these three drums under this Contract. The drums shall be disposed of as PCB waste with a concentration greater than 50 ppm.</b></p>	11/06/18	Drums shipped offsite.	

# URS CORPORATION

URS Corporation  
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 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: November 13, 2018 (4:20PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day



0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day

0009	EnviroTrac 08/07/18	Initiated by Field Order No. 9, dated 06/15/18, covers charges for the excavation of soils in the North Lawn Area impacted with excessive concentrations of PCBs and the decontamination of equipment used to complete the excavation.	1	Resubmit with Revisions on 08/17/18; Approved on 08/23/18	Y,Y	Resubmitted on 08/14/18 for \$61,059.35 and 7-calendar day extension; Resubmitted on 08/17/18 for \$54,948.00 and 7-calendar day extension	08/17/18	08/23/18	\$54,948.00	7 day
0010	EnviroTrac 08/17/18	Initiated by Field Order No. 16, covers charges for collection and analysis of samples around SS-11 and collection and analysis new waste classification sample in North Lawn Area 3.	1	Resubmit with Revisions on 09/11/18; Approved on 09/18/18	Y,Y	Resubmitted on 09/13/18 for \$3,825.29	09/13/18	09/18/18	\$3,825.29	0 day
0012	EnviroTrac 08/24/18	Per the request of the Department, covers charges for collection and analysis of sod sample for criteria compliance.	1	Approved on 09/05/18	Y,Y		08/24/18	09/05/18	\$1,548.50	0 day
0011	EnviroTrac 10/04/18	Initiated by Field Order 15, covers charges for the transportation and disposal of the soils excavated in the North Lawn Area impacted with excessive concentrations of PCBs			Y,Y				\$98,016.45	0 day
0013	EnviroTrac 10/10/18	Initiated by Field Order No. 17, covers charges for the placement of accent course and additional course on select Planter Boxes and Islands on Cove Court and Capstan Court			Y,Y				\$9,547.51	0 day

## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: November 13, 2018 (4:22PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that "Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings." Additionally, per Notes 1 and 2 on Dwg. C-009, "Final grades shall match pre-existing grades at all features to be preserved...", and "Final grades shall drain away from buildings."</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: November 13, 2018 (4:22PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.

Updated: November 13, 2018 (4:22PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS		
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions			
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions			
			b		4/2/2018	W. Smith	4/9/2018	Approved			
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>		
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved			
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted			
		01040-2		Staging Areas and Contamination Reduction Zone							
		01040-3			Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions		
						3/8/2018	R. West	3/12/2018	Approved		
						4/17/2018	K. Jackson				
						4/27/2018	K. Jackson				
						5/9/2018	K. Jackson				
						5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions		
						6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions		
						6/22/2018	K. Jackson				
						7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions		
						7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions		
						8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions		
						8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions		
						9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions		
						9/18/2018	K. Jackson	9/28/2018	Resubmit with Revisions		
						10/2/2018	K. Jackson	10/12/2018	Resubmit with Revisions		
						10/16/2018	K. Jackson	10/26/2018	Resubmit with Revisions		
						10/30/2018	K. Jackson	11/12/2018	Resubmit with Revisions		
						11/13/2018	K. Jackson				
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>		
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions			
					4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>		
						4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>	
		01051-3		South Lawn Area Excavation Check Through 05/15/18	5/22/2018						
		01051-4	a	b	North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions		
						7/10/2018	K. Jackson	7/23/2018	Approved as Noted		
						8/3/2018	K. Jackson	8/10/2018	Resubmit with Revisions		
						8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions		
						8/10/2018	K. Jackson	8/10/2018	Approved		
		01051-5		South Lawn Area Post-Excavation Survey (Partial)	6/6/2018	K. Jackson	6/8/2018	Approved			
		01051-6	a	b	South Lawn Area Post-Excavation Survey	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions		
						10/29/2018	K. Jackson	11/6/2018	Approved		
						11/7/2018	K. Jackson			<i>Same Document as 01051-6a</i>	
		01051-7	a	b	Planter Box Survey Data	7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions		
						7/13/2018	K. Jackson				
						7/31/2018	K. Jackson	11/15/2018	Approved		
		01051-8		South Lawn Backfill Survey through July 19, 2018		7/23/2018	K. Jackson	7/30/2018	Approved		
		01051-9	a	b	South Lawn Backfill Survey through July 24, 2018	7/31/2018	K. Jackson	8/1/2018	Approved		
						8/3/2018	K. Jackson	11/15/2018	Approved		
				10/29/2018	K. Jackson			<i>Same Document as 01051-9a</i>			
01051-10		Planter Box Backfill Volumes		8/13/2018	K. Jackson	11/15/2018	Approved				
01051-11	a	b	South Lawn Area Topsoil Survey through August 8, 2018	8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions				
				8/22/2018	K. Jackson	8/24/2018	Approved				
				11/8/2018	K. Jackson			<i>Same Document as 01051-11a</i>			
01051-12		North Lawn Area Proposed Stakeout Plan		9/13/2018	K. Jackson						
01051-13	a	b	North Lawn Area Excavation Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions				
				10/10/2018	K. Jackson						
				10/12/2018	K. Jackson	10/19/2018	Approved				
01051-14	a	b	North Lawn Area Backfill Survey through September 27, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions				
				10/10/2018	K. Jackson						
				10/12/2018	K. Jackson	10/19/2018	Approved				
01051-15	a		Planter Box Aboveground Backfill Volumes	10/2/2018	K. Jackson	10/11/2008	Resubmit with Revisions				
				10/10/2018	K. Jackson						
				10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions				

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		01051-16	a	North Lawn Area Topsoil Survey through October 29, 2018	11/8/2018	K. Jackson	11/13/2018	Resubmit with Revisions	Same Document as 01051-16a
			b		11/13/2018	K. Jackson			
		01051-17	a	North Lawn Area Excavation Survey through October 24, 2018	10/29/2018	K. Jackson	11/6/2018	Resubmit with Revisions	
					11/7/2018	K. Jackson	11/13/2018	Approved	
		01051-18		North Lawn Area Backfill Survey through October 24, 2018	10/29/2018	K. Jackson	11/6/2018	Approved	
		01051-19		South Lawn Area As-Built Survey	11/7/2018	K. Jackson/R.West	11/13/2018	Resubmit with Revisions	
		01051-20		Survey Instrument Certifications					
		01051-21		Permanent Survey Control Monuments					
		01051-22		Record Survey Drawings					
		01051-23		Survey Field Notes and Records					
01051-24+		Survey Data and Maps for On-Site Work							
01051-25+		Sample Location Data							
01066	Decontamination Station	01066-1	a	Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved as Noted	
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					3/2/2018	K. Jackson	3/5/2018	Approved	
		01300-2	b	RFI Template	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
					3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1	a	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
					3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
					3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
					3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	11/15/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	11/15/2018	Approved	
		01400-4		Documentation Samples PLANTER-DOC-1 through PLANTER-DOC-10 - Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions	
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	9/12/2018	G. Kisluk	11/15/2018	Approved	
		01400-6		North Lawn Area Waste Characterization Sampling - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-7		Planter Box Soils Waste Characterization Sample No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-8		North Lawn Area No. 3 Waste Characterization Sample Re-Run - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-9		Planter Box Soils Waste Characterization Sample No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-10		Backfill Analytical - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-11		Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-12		Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-13		Additional Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-14		Planter Box Documentation Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-15		PCB Results Sample Locations 21 and 22 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-16		Orphan Pile Waste Characterization Sample - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
		01400-17		PCB Soils Excavation Sample 39A - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved	
01400-18		North Lawn Area No. 3 Discrete Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved			
01400-19		Additional Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	11/15/2018	Approved			
01400-20		Topsoil Analytical	10/9/2018	G. Kisluk	11/15/2018	Approved			
01400-21		Documentation Samples DOC #11 through DOC #17 - Electronic Data Deliverable	10/22/2018	G. Kisluk					

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01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			a		4/10/2018	K. Jackson	4/13/2018	Resubmit with Revisions	
			b		4/17/2018	K. Jackson	4/23/2018	Approved	
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	11/15/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	11/15/2018	Approved	
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	11/15/2018	Approved	
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	11/15/2018	Approved	
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	11/15/2018	Approved			
01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	11/15/2018	Approved			
01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	11/15/2018	Approved			
01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	11/15/2018	Approved			
01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	11/15/2018	Approved			
01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	11/15/2018	Approved			
01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	11/15/2018	Approved			
01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	11/15/2018	Approved			



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01730	Vibration	01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	11/15/2018	Approved	
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	11/15/2018	Approved	
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	11/15/2018	Approved	
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	11/15/2018	Approved	
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	11/15/2018	Approved	
		01730-43		Crack Gauge Inspection Report - 06/07/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-64		Optical Settlement Monitoring Report #29 - 8/17/18	8/21/2018	K. Jackson	11/15/2018	Approved	
		01730-65		Crack Gauge Inspection Report - 08/16/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-67		Crack Gauge Inspection Report - 08/30/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-68		Crack Gauge Inspection Report - 09/06/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18	9/18/2018	K. Jackson	11/15/2018	Approved	
		01730-73		Optical Settlement Monitoring Report #30 - 8/24/18	9/18/2018	K. Jackson	11/15/2018	Approved	
01730-74		Optical Settlement Monitoring Report #31 - 8/31/18	9/18/2018	K. Jackson	11/15/2018	Approved			
01730-75		Optical Settlement Monitoring Report #32 - 9/7/18	9/18/2018	K. Jackson	11/15/2018	Approved			
01730-76		Optical Settlement Monitoring Report #33 - 9/11/18	10/18/2018	K. Jackson					
01730-77		Optical Settlement Monitoring Report #34 - 9/15/18	10/18/2018	K. Jackson					
01730-78		Weekly Vibration Monitoring Report - 09/10/18 - 09/14/18	10/22/2018	K. Jackson					
01730-79		Weekly Vibration Monitoring Report - 09/17/18 - 09/21/18	10/22/2018	K. Jackson					
01730-80		Weekly Vibration Monitoring Report - 09/24/18 - 09/28/18	10/22/2018	K. Jackson					
01730-81		Optical Settlement Monitoring Report #37 - 9/25/18	10/29/2018	K. Jackson					
01730-82		Optical Settlement Monitoring Report #38 - 9/29/18	10/29/2018	K. Jackson					
01730-83		Optical Settlement Monitoring Report #35 - 9/18/18	10/30/2018	K. Jackson					
01730-84		Optical Settlement Monitoring Report #36 - 9/22/18	10/30/2018	K. Jackson					
01730-85		Crack Gauge Inspection Report - 09/20/18	10/30/2018	K. Jackson					
01730-86		Final Results Report							
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved	
02110		02110-1		Site Preparation Plan					
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions	
			b		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions	
					4/3/2018	R. West/K. Jackson	4/5/2018	Approved	
		02120-2		SPDES GP-0-15-002 Compliance Information					
		02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions	
	4/5/2018				R. West/K. Jackson	4/16/2018	Resubmit with Revisions		

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02220	Excavation		b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-3	a	PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	11/15/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	11/15/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
		02230-9		Decon Rinsate Profile	9/7/2018	M. Haggerty	9/12/2018	Approved	
		02230-10		Orphan Pile Signed Waste Management Fairless Hills Profile	9/24/2018	C. Dusel	9/26/2018	Approved	
		02230-11		Underground Storage Tank Water Profile	10/2/2018	M. Haggerty	10/4/2018	Approved	
		02230-12		Orphan Pile Signed Bayshore Soil Management Profile	10/15/2018	M.Haggerty	10/15/2018	Approved	
02230-13		PCB Soils Clean Earth of North Jersey Certificate of Disposal	10/30/2018	K. Jackson					
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	11/15/2018	Approved	
		02300-6		Concrete Sand Sieve Analysis	10/2/2018	K. Jackson			
		02300-7		Sample Location Sketch					
		02300-8		Final Grading Plan		K. Jackson			
02503	Restoration	02503-1		Proposed Replacement Fence Materials	10/4/2018	K. Jackson	10/5/2018	Approved as Noted	
		02503-2		Restoration Work Plan					
02508		02508-1	a	Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
			6/5/2018	K. Jackson	6/8/2018	Approved			
02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved			
02508-7		a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions		
				6/19/2018	K. Jackson	6/21/2018	Approved		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
	Community Air Monitoring Program	02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	11/15/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	11/15/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	11/15/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	11/15/2018	Approved	
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson	9/21/2018	Approved	
		02508-26		Weekly Air Monitoring Report - 09/17/18 - 9/21/18	9/24/2018	K. Jackson	9/28/2018	Approved	
		02508-27		Weekly Air Monitoring Report - 09/24/18 - 9/28/18	10/1/2018	K. Jackson	10/5/2018	Approved	
		02508-28		Raw Monitoring Data - September 2018	10/1/2018	K. Jackson	11/15/2018	Approved	
		02508-29		Weekly Air Monitoring Report - 10/1/18 - 10/5/18	10/8/2018	K. Jackson	10/12/2018	Approved	
		02508-30		Weekly Air Monitoring Report - 10/8/18 - 10/12/18	10/15/2018	K. Jackson	10/19/2018	Approved	
		02508-31		Weekly Air Monitoring Report - 10/15/18 - 10/19/18	10/22/2018	K. Jackson	10/26/2018	Approved	
02508-32		Weekly Air Monitoring Report - 10/22/18 - 10/26/18	10/29/2018	K. Jackson	11/2/2018	Approved			
02508-33		Raw Monitoring Data - October 2018	11/2/2018	K. Jackson					
02508-34		Weekly Air Monitoring Report - 10/29/18 - 11/2/18	11/2/2018	K. Jackson	11/13/2018	Approved			
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1	a	Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2		Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G. Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		c	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		d	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
					6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
			a	Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
					2/28/2018	B. Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
					8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
			a	Irrigation System As-Built Drawing	9/17/2018	D. Morehouse	11/15/2018	Approved	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lelia Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
 MEN - Mendez Trucking  
 ZEL - Zelia Trucking  
 INN - Innovative Recycling Technologies

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area Excavated Telephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
10/12/18	CY		LIO	30	LIO	North Lawn Area Clearing;Non-Metal Debris from North Lawn Area Excavation; Jennings Planter Box Timbers	NH	N	N					
11/05/18	CY		LIO	30	LIO	General Site Trash/Tree at the Front of North Lawn Area Near Riviera Court	NH	N	N					
11/12/18	CY		LIO	30	LIO	Old South Lawn Area Vinyl Fence/General Site Trash	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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 MCB = MCB  
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 URI = Uriez  
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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

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 LEL = Lelia Truxking  
 JCT = JC Transport  
 DJE = DJE  
 AIZ = Aizaga  
 MCB = MCB  
 AME = Amelia Trucking  
 URI = Uriez  
 BRA = Brava  
 JDC = JDC Trucking  
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DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
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 ALA - CWM Emelle, Alabama  
 BAY - Bayshore Soil Management  
 CEJ - Clean Earth of North Jersey

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	30540	15.27	1	016327635.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	61340	30.67	2	016327599.JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	Y	N	50380	25.19	3	016327597.JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	57880	28.94	4	016327600.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	52600	26.3	5	016327601.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	47540	23.77	6	016327595.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	55320	27.66	7	016327594.JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	60020	30.01	8	016327607.JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	Y	N	46380	23.19	9	016327606.JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	58540	29.27	10	016327596.JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61200	30.6	103	1254715	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54820	27.41	104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55200	27.6	105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55380	27.69	106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54260	27.13	107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54800	27.4	108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	66220	33.11	109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62440	31.22	110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61820	30.91	111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62180	31.09	112	1254726	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55400	27.7	113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	56720	28.36	114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55860	27.93	115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	45320	22.66	116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59280	29.64	117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55520	27.76	118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53140	26.57	119	1254802	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	52100	26.05	120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	50420	25.21	121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	57360	28.68	122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53840	26.92	123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62480	31.24	124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59380	29.69	125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59300	29.65	126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	63020	31.51	127	1254797	
09/17/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53400	26.7	128	1691353	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47280	23.64	129	1254796	
09/19/18	TONS	NJ AU568E	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46340	23.17	130	1254795	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52540	26.27	131	1691262	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51860	25.93	132	1691261	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55820	27.91	133	1691259	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46920	23.46	134	1691260	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	59540	29.77	135	1691258	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46100	23.05	136	1691251	
09/19/18	TONS	NJ AT862D	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53540	26.77	137	1691257	
09/19/18	TONS	NJ AU568C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51980	25.99	138	1691253	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47700	23.85	139	1254794	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49460	24.73	140	1254793	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	56640	28.32	141	1254791	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	45680	22.84	142	1691255	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54180	27.09	143	1691254	
09/19/18	TONS	NJ AU399C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	48240	24.12	144	1691252	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49540	24.77	145	1691256	
09/19/18	TONS	NJ AS687P	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55980	27.99	146	1254792	
09/20/18	TONS	NJ AS375X	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	44700	22.35	147	1691222	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51680	25.84	148	1691221	
09/20/18	TONS	NJ AU963D		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51480	25.74	149	1817626	
09/20/18	TONS	NJ AT374N		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51360	25.68	150	1817627	
09/20/18	TONS		AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49100	24.55	151	1817625	
09/20/18	TONS	NJ AT491P		22	CE	North Lawn Area N3 Soil	NH	Y	Y	52900	26.45	152	1817624	
09/20/18	TONS	NJ AS688P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53500	26.75	153	1817623	
09/20/18	TONS	NJ AS687P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52920	26.46	154	1817622	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51960	25.98	155	1817621	
09/20/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52200	26.1	156	1817620	
09/20/18	TONS	NJ AT379N	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51820	25.91	157	1817619	
09/20/18	TONS	NJ AS921D	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	50040	25.02	158	1817618	
09/20/18	TONS	NJ AU962D	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54140	27.07	159	1817617	
09/20/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53160	26.58	160	1817616	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	48440	24.22	161	1817615	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	42960	21.48	162	1817614	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	52620	26.31	163	1817613	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	54420	27.21	164	1817612	
09/24/18	TONS	NJ AU641U	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	49520	24.76	165	1817611	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	50440	25.22	166	1817610	
09/24/18	TONS	NJ AU963D	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	57140	28.57	167	1817609	

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										LBS	TONS			
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	52220	26.11	168	1817608	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	46000	23	169	1817606	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	51480	25.74	170	1817607	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	52580	26.29	171	1817605	
09/24/18	TONS	NJ AU641D	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	52620	26.31	172	1817604	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	55060	27.53	173	1817603	
09/25/18	TONS	NJ AT585X	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	61400	30.7	174	1817602	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	55800	27.9	175	1817601	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	55960	27.98	176	1817600	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N	52020	26.01	177	1817599	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	64980	32.49	178	1817598	
09/25/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	60220	30.11	179	1817597	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	63580	31.79	180	1817596	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N	55400	27.7	181	1817595	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	64480	32.24	182	1817594	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	58320	29.16	183	1817593	
09/25/18	TONS	NJ AS859P	SHR	22	CE	NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD	NH	N	N	59240	0	184	1817592	
09/27/18	TONS	NJ AU418L	BRA	22	CE	North Lawn Area N3 Soil	NH	N	N	47580	23.79	185	1817591	
09/27/18	TONS	NJ AR629H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	55260	27.63	186	1817590	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	57260	28.63	187	1817589	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	65180	32.59	188	1817588	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	60720	30.36	189	1817587	
09/27/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	50600	25.3	190	1817586	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	52480	26.24	191	1817585	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	56200	28.1	192	1817584	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	60120	30.06	193	1817583	
09/27/18	TONS	NJ AU418C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	59240	29.62	194	1817582	
10/02/18	TONS	NJ AT713P	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N	50900	25.45	195	1673562	
10/02/18	TONS	NJ NS944	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N	50840	25.42	196	1622898	
10/02/18	TONS	NJ AL794W	CF	22	CE	North Lawn Area N2 Soil	NH	N	N	54760	27.38	197	1817580	
10/02/18	TONS	NJ AS137R	CF	22	CE	North Lawn Area N2 Soil	NH	N	N	57380	28.69	198	1817581	
10/03/18	TONS	NJ AS756F	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	46920	23.46	199	1817531	
10/03/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45420	22.71	200	1817538	
10/03/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45100	22.55	201	1817537	
10/03/18	TONS	NJ AS269R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	42600	21.3	202	1817536	
10/04/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	40700	20.35	203	1817535	
10/04/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45220	22.61	204	1817534	
10/04/18	TONS	NJ AS756P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45760	22.88	205	1817533	
10/04/18	TONS	NJ AS264R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	47260	23.63	206	1817532	
10/16/18	TONS	NJ AS566X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	65020	32.51	207	1817539	
10/16/18	TONS	NJ A6134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	60260	30.13	208	1817540	
10/16/18	TONS	NJ AT379Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	64620	32.31	209	1817541	
10/16/18	TONS	NJ AU842R	JCT	22	CE	North Lawn Area N2 Soil	NH	N	N	64360	32.18	210	1817542	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	63500	31.75	211	1817543	
10/16/18	TONS	NJ AS122L	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	56800	28.4	212	1817579	
10/16/18	TONS	NJ AT579Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	65400	32.7	213	1817578	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	61880	30.94	214	1817574	
10/16/18	TONS	NJ AS740V	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	59500	29.75	215	1817575	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N	61980	30.99	216	1817576	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N	55680	27.84	217	1817577	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54860	27.43	1	28118-1	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	46520	23.26	2	28118-2	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	52860	26.43	3	28118-3	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	45420	22.71	4	28118-4	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54760	27.38	5	28118-5	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54680	27.34	6	28118-6	
10/18/18	DRUM		INN	6	CEJ	UST Water Drums	NH	N	N		0	1	28117	
10/18/18	DRUM		INN	1	CEJ	PCB Decontamination Materials Drum	H	N	N		0	1	016327731JJK	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N	58500	29.25	218	1817573	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	62240	31.12	219	1817572	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N	56180	28.09	220	1817571	
10/18/18	TONS	NJ AU976A	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	60800	30.4	221	1817570	
10/18/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	59400	29.7	222	1817566	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	51800	25.9	223	1817567	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
 GRD - Grid Logistics Transportation  
 LEL - Lelia Truxking  
 JCT - JC Transport  
 DJE - DJE  
 AIZ - Aizaga  
 MCB - MCB  
 AME - Amelia Trucking  
 URI - Uriez  
 BRA - Brava  
 JDC - JDC Trucking  
 CF - CF Brothers  
 MEN - Mendez Trucking  
 ZEL - Zelia Trucking  
 INN - Innovative Recycling Technologies

DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
 CE - Clean Earth Bethlehem Pennsylvania  
 ALA - CWM Emelle, Alabama  
 BAY - Bayshore Soil Management  
 CEJ - Clean Earth of North Jersey

TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Designated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			224	1817564	
10/22/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			225	1817569	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			226	1817565	
10/22/18	TONS	NJ AS369X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			227	1817563	
10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			228	1817559	
10/22/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			229	1817560	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			230	1817561	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			231	1817562	
10/23/18	TONS	NJ AU222A	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			232	1817558	
10/23/18	TONS	NJ AU976B	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			233	1817557	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			234	1817556	
11/06/18	DRUM		INN	2	CEJ	PCB Oil with Contents of Oily Water Drum (First Drum)/Garbage Bag Full of Oily Absorbent Socks	H	N	N			1	016327784JJK	

**ATTACHMENT B:**

**TWO WEEK LOOK AHEAD/LOOK BEHIND SCHEDULE**

Look Back

Date	29-Oct	30-Oct	31-Oct	1-Nov	2-Nov	3-Nov	5-Nov	6-Nov	7-Nov	8-Nov	9-Nov
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 16			X								
topsoil survey	X								X		
South Garden Plantings	X	X	X	X	X		X		X		
Drum Disposal								X			
Walkway Restoration									X		
Sprinkler North			X	X					X	X	X
Sod North				X							
North Planting	X	X	X								
Well Abandonments			X						X		X
Misc Punchlist - weed, cut lawns, trim etc							X	X	X	X	X
Load Fence											X

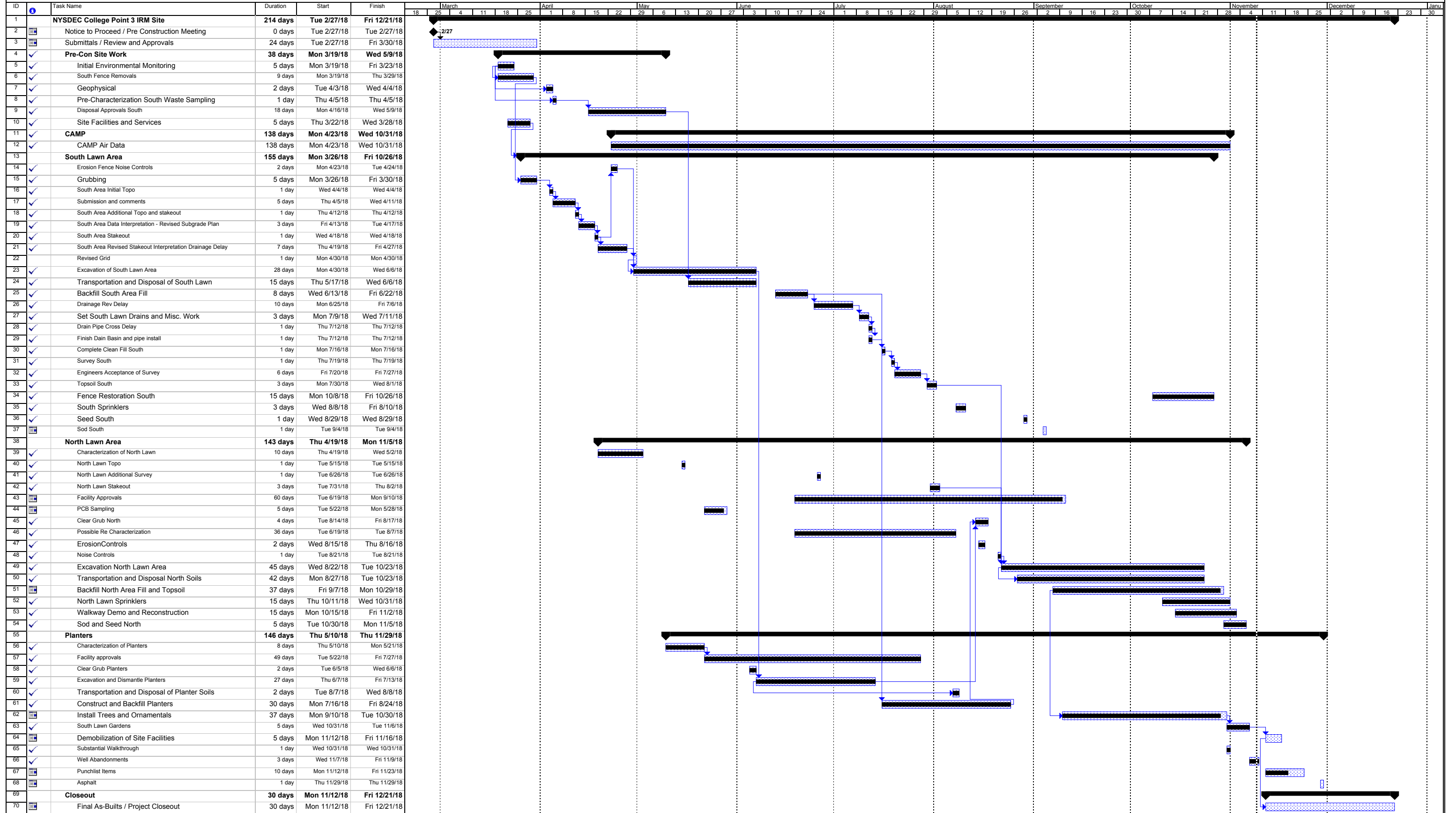
Look Ahead

Date	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov	19-Nov	20-Nov	21-Nov	22-Nov	23-Nov
Description of Work	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Monday	Tuesday	Wednesday	Thursday	Friday
Progress Meeting 17			X								
Demob Storage Box	X										
Pick up Liotta dumpster	X			X	X						
Drum Disposal					X						
Misc Punch list	X	X	X	X	X						
Potential extra dig				X	X						
Thanksgiving Holiday							X	X	X	X	X

Note - Prep asphalt week 11/26  
 Pull trailers week of 11/26  
 Resto in trailer area week of 11/26  
 Asphalt 11/29

**ATTACHMENT C:**  
**PROJECT PROGRESS SCHEDULE**

NYSDEC  
COLLEGE POINT 3 IRM SITE  
COLLEGE POINT, NY



PROJECT PROGRESS MEETING No. 18 MINUTES  
**College Point 3 Interim Remedial Measure, Site Number: 241122**  
**CONTRACT #D007622-47**

Thursday, November 29, 2018; 11:00 A.M.

Location: Starbucks, 138-11 20<sup>th</sup> Avenue, College Point, New York 11356

The agenda was distributed prior to the meeting. It has been included as Attachment A.

**1. Meeting Attendees**

*Mike Haggerty – NYSDEC*

*Chuck Dusel – URS*

*Kyle Jackson – URS*

*Michael Rose – EnviroTrac*

*Michael Alliegro – EnviroTrac*

**2. Minutes from Previous Meeting**

*URS distributed the minutes from Progress Meeting No. 16 on 11/13/18. M. Rose stated that he had not had a chance to review the minutes prior to Progress Meeting No. 17. He has since reviewed the minutes and has no comments. The minutes from Progress Meeting No. 16 are now deemed final. URS distributed the minutes from Progress Meeting No.17 on 11/28/18. M. Rose previously informed K. Jackson that he has reviewed the minutes and has no comments. The minutes from Progress Meeting No. 17 are now deemed final.*

**3. Progress Since Last Meeting**

*EnviroTrac did not distribute a two-week look ahead/look behind schedule prior to today's meeting. M. Rose led this discussion. He stated that since last meeting, EnviroTrac has been addressing punchlist items. The storage sea container and NYSDEC drums have been removed from the site. The office trailers have been demobilized. The well abandonments have also been completed. EnviroTrac was offsite for the entire week of 11/19/18 through 11/23/18 for the Thanksgiving Holiday.*

**4. Two-week Look-Ahead**

*M. Rose stated that over the next two weeks, EnviroTrac plans on coordinating the inspection of the South Lawn Area Yard Drain with McManus and troubleshooting the North Lawn Area Lights. C. Dusel stated that the Department is willing to pay for replacement bulbs for the lights. He requested that EnviroTrac identify working and non –working lights and identify which lights are getting power. EnviroTrac stated that they will send their electrician, Stephen Sussman, to the site on Monday 12/3/18 to begin troubleshooting the lights.*

*K. Jackson distributed an updated Substantial Completion Punchlist prior to today's meeting. It has been included as Attachment B. M. Rose requested that the total amount on the Punchlist be adjusted to reflect items that have been completed. K. Jackson will adjust the amount on the Punchlist.*

**5. Project Schedule**

*EnviroTrac submitted their latest schedule on 11/13/18, prior to Progress Meeting No. 17. URS responded to the Schedule, "Resubmit with Revisions", on 11/27/18. Some of the dates need to be revised to reflect the actual dates that select tasks were completed. EnviroTrac did not submit a schedule prior to today's meeting. Today, URS informed EnviroTrac that they do not need to revise and resubmit the Schedule until the end of the Project.*

**6. Submittals**

Submittal Log Attached (Attachment A)

*K. Jackson stated that EnviroTrac still must submit a sketch of the as-built layout for the North Lawn Area Irrigation System. M. Alliegro stated that he has contacted Pacific Lawn Sprinklers regarding the sketch and he will reach out to them again.*

*K. Jackson stated that EnviroTrac must still submit weekly crack monitoring reports for the weeks ending 08/03/18, 08/10/18, 09/14/18, and 09/28/18. K. Jackson stated that EnviroTrac must also submit weekly vibration, crack, and settlement monitoring reports for all of October 2018. M. Rose responded that Vanguard is holding the reports until a payment issue is resolved. EnviroTrac will resolve the issues with Vanguard and submit the reports.*

*EnviroTrac submitted a North Lawn Area Backfill Survey through October 24, 2018 on 10/29/18. URS reviewed the Survey and approved it on 11/06/18. That survey did not include the elevations of the backfill in the southeastern corner of the North Lawn Area, which were surveyed on October 29, 2018. These elevations are required to calculate the final volume of the North Lawn Area backfill for payment. EnviroTrac will contact their surveyor, LKMA, regarding the submission of an updated survey.*

*EnviroTrac submitted a North Lawn Area Topsoil Survey through October 29, 2018 on 11/13/18. K. Jackson and R. West reviewed the survey and it was approved on 11/28/18.*

*EnviroTrac submitted a South Lawn Area As-Built Survey on 11/07/18. K. Jackson and R. West reviewed the Survey and responded "Resubmit with Revisions" on 11/13/18. There are some formatting issues that need to be resolved. URS would also like the plants that were installed in the South Lawn Area to be surveyed. M. Haggerty stated that he would like the actual location of North Lawn Area Documentation Sample Location DOC #19 surveyed. The current location that is staked out was field measured from the latest survey by K. Jackson and M. Alliegro. K. Jackson stated that EnviroTrac must submit field notes, calculations, survey data, and survey control monuments from LKMA. EnviroTrac will complete these tasks.*

*EnviroTrac has continued to submit Electronic Data Deliverables (EDDs) and Category B Deliverables since the last Progress Meeting. C. Dusel read an e-mail from URS Chemist George Kisluk stating that the latest group of Category B Deliverables and EDDs submitted by EnviroTrac are in the proper format. URS will*

*approve the submittals. K. Jackson also asked EnviroTrac if they could ask American Analytical Laboratories for an EDD for the sod sample that was collected. EnviroTrac will contact American Analytical Laboratories. K. Jackson stated that no Category B Deliverable is required for the sample.*

*K. Jackson stated that EnviroTrac submitted a revised Restoration Work Plan on 11/27/18, for the installation of the pavement onsite and the fencing in the South Lawn Area. K. Jackson and R. West reviewed the Plan and approved it on 11/28/18.*

*K. Jackson stated that he will send the signed Quality Control Reports to EnviroTrac, so that they can prepare the Quality Control Summary, which is the compilation of the signed Quality Control Reports.*

*K. Jackson stated that EnviroTrac submitted a Backfill Sample Location Map on 11/28/18 showing where samples were collected on the stockpile at the backfill source for the site. This submittal will be approved.*

*K. Jackson stated that EnviroTrac submitted a revised calculation from LKMA for the area of topsoil placed in the South Lawn Area. M. Rose stated that LKMA used a different method of calculating the area using the survey data in the latest calculation. K. Jackson and R. West reviewed the revised calculation and it was approved on 11/28/18.*

**7. RFIs/Field Orders**

RFI and Field Order Logs Attached (Attachment A)

*K. Jackson stated that URS issued Field Order No. 21 to EnviroTrac on 11/21/18, with direction for excavation around North Lawn Area Documentation Sample DOC #19.*

**8. Field Clarification Memos**

FCM Log Attached (Attachment A)

None

**9. Disputes/Claims**

None

**10. Proposed Change Orders**

PCO Log Attached (Attachment A)

*URS returned PCO No. 11 "Resubmit with Revisions" on 11/28/18, which included costs for the transportation and disposal of the PCB soils, the drums containing the contents of the UST, and the drum containing the materials from decontaminating the equipment used to complete the PCB soils excavation. The markup of the PCO included an 8-ton reduction of T&D for the PCB soils, based on the weight tickets received from EnviroTrac on 10/30/18, the addition of one documentation sample, and the addition of one non-hazardous drum of UST contents. EnviroTrac will revise and resubmit the PCO.*



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*EnviroTrac submitted receipts for the lumber used to install the accent course and additional Island course associated with PCO No. 13 on 10/29/18. EnviroTrac submitted time logs for the labor associated with the PCO on 11/06/18. URS provided comments on the time logs on 11/13/18. K. Jackson stated that EnviroTrac's value of the labor is \$3,035.00 higher than URS'. M. Rose notified K. Jackson via e-mail on 11/28/18 that EnviroTrac is amenable to a split in that labor cost. M. Haggerty stated that the Department does not take exception to splitting the labor cost. K. Jackson stated that there is a \$613.67 receipt for the lumber missing from the backup. EnviroTrac will provide the receipt.*

*EnviroTrac submitted PCO No. 14, which included costs for the transportation and disposal of the Delineation (Orphan) Pile, on 11/16/18. Weight tickets for the Pile were submitted on 11/06/18. URS reviewed the PCO and it was approved on 11/28/18.*

*EnviroTrac will prepare PCO No. 17, which will include costs for abandoning SG points onsite in accordance with Field Order No. 7. The PCO will include the labor effort agreed upon between M. Alliegro and K. Jackson.*

*EnviroTrac submitted PCO No. 16 on 11/16/18, which included costs for installing drip lines at select residences on Riviera Court, securing the cover on the drainage inlet at the western end of the South Lawn Area near the Riviera Court loading platform, cleaning the Department's fenced-in enclosure onsite, and preparing the drums inside of the fenced-in enclosure for transportation for offsite disposal. URS returned the PCO "Resubmit with Revisions" on 11/28/18. The markup included the addition of the cost for transportation and disposal of the drums and the increase in the labor rate for two hours of the drip line installation to reflect M. Alliegro's effort for the task. EnviroTrac will revise and resubmit the PCO.*

*K. Jackson stated that EnviroTrac must still submit PCO's for the drip line installations on Riviera Court, the installation of the 6 ft. vinyl gate from Keys, the installation of the irrigation system isolation valve from Pacific, and transportation and disposal of the drums from NYSDEC's enclosure. M. Rose asked if some of these PCO's could be combined into one. URS responded that they could.*

*EnviroTrac submitted PCO No. 15 on 11/15/18, which included costs for the installation of a gate in the 6-ft. vinyl fence in the South Lawn Area. URS returned the PCO "Disapproved" on 11/28/18. M. Rose stated that the gate is not shown on the Contract Drawings. C. Dusel referenced the note in the center of Contract Drawing C-011 which states, "Subcontractor shall replace all pre-existing fences, gates, etc. in kind." C. Dusel also responded that the gate was visible in the original fence at the onsite Pre-Bid walkover of the site.*

*M. Rose stated that he thinks that he is close to finalizing the PCO for the isolation valve that Pacific Lawn Sprinklers had to install in the North Lawn Area.*

*Meeting parties discussed finalizing Change Order No. 2, which will include PCO Nos. 11, 13, 14, and 16. Meeting parties also agreed that a Change Order No. 3 will be required for the project, which will include PCO No. 17 for the SG point abandonment, PCO No. 18 for the Pacific Lawn Sprinklers isolation valve, and PCO*

*No. 19 for the excavation around Documentation Sample Location DOC #19. Earlier today, M. Haggerty requested that EnviroTrac clean the leaves from the North Lawn Area. He stated that the cost for this effort can be included in PCO No. 19.*

**11. Payment Applications**

*M. Rose stated the he is in the process of preparing CAP No. 9, which will reflect work completed through November.*

**12. WBE/MBE Utilization**

*URS reiterated to EnviroTrac that they will need invoices from their WBE/MBE sub-subcontractors for the completion of their Utilization Report. EnviroTrac will submit the invoices.*

**13. Health and Safety**

*K. Jackson reminded meeting parties to be mindful of colder temperatures onsite moving forward and to dress appropriately.*

**14. Open Discussion**

- *C. Dusel stated that URS will need the redline drawings maintained by M. Alliegro onsite. K. Jackson stated that he kept a concurrent set of redline drawings onsite that he used to check M. Alliegro's drawings. EnviroTrac will submit the redline drawings.*
- *Meeting parties held an extensive discussion regarding the excavation of the soils around Documentation Sample Location DOC #19. EnviroTrac explained how the excavation will be completed, using the mini-excavator in tandem with their skid steer loader with hopper attached. EnviroTrac estimated that the task will require two-days to complete. The excavation will be completed on the first day and the backfill and rolloff pickup will be completed on the second day. The material excavated from the top 1 ft. of the excavation will be used as backfill material. Topsoil imported from the approved offsite source will be used to backfill the remaining portion of the excavation. M. Alliegro stated that EnviroTrac will carefully cut and repair the portion of the North Lawn Area Irrigation System that runs through the excavation. The Irrigation line can be repaired using hose barbs. M. Haggerty stated that he would like EnviroTrac to keep a photoionization detector at the excavation for air monitoring. He also that at this time, the Department would like excavation and backfill to be billed at the Contract Rates. They do not want to be billed on a time and materials basis for the labor, equipment, and materials required to complete the work. However, the Department is willing to pay for the hopper, rolloffs, a photoionization detector, M. Alliegro's time, and the mobilization and demobilization of the equipment. M. Rose will take these items into consideration during the preparation of the PCO for the work.*
- *URS and the Department reminded EnviroTrac of concessions that have already*

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*been given such as not requiring the replacement of monitoring well EB-41/DEC-26 (destroyed during the South Lawn Area excavation), not requiring a dedicated substitute Site Superintendent (other than Michael Rose or Kenneth Davies, both of which are accounted for elsewhere in the Contract) on twenty-six days when M. Alliegro was absent from the site, compensating EnviroTrac for the disposal of the Orphan Pile, and allowing them to invoice \$19,200.00 of Bid Item No. 8 Construction Water Management.*

- *EnviroTrac stated that EnviroTrac electrician Stephen Sussman will be onsite on Monday 12/3/18 to begin testing the North Lawn Area lights.*
- *Per the direction of Villas at Riverview Condo President Brian Freeman, the Sweetbay Magnolia Tree was not installed in the western most planting bed in the North Lawn Area. M. Alliegro stated that the tree was purchased for \$215.00 and he received \$178.00 when he returned it.*
- *K. Jackson stated that on 11/19/18, he responded to the 11/14/18 inquiry from the resident at 120-01 Riviera Court regarding cracks in the foundation on the western side of his residence. K. Jackson sent pictures of the foundation to the resident from before and after the North Lawn Area excavation. K. Jackson did not send crack monitoring reports to the resident. The resident has not contacted K. Jackson since the pictures were sent. The matter is considered closed.*
- *EnviroTrac completed the paving of Capstan Court and the abandoned wells and SG points on Wednesday 11/28/18. Both K. Jackson and M. Haggerty commented that the operation went smoothly and was performed professionally.*
- *The inspection of the South Lawn Area Yard Drain scheduled by McManus on Tuesday 11/20/18 had to be cancelled by K. Jackson and rescheduled by McManus because no one was present onsite on that date. McManus has not yet contacted EnviroTrac with the new inspection date. M. Rose will follow up with McManus.*
- *K. Jackson stated that Pacific Lawn Sprinklers completed the winterization of the North Lawn Area Irrigation System on 11/15/18.*
- *K. Jackson stated that the welding of the metal edging along the North Lawn Area Walkway and the repair of the North Lawn Area benches was complete by Monday 11/12/18.*
- *EnviroTrac acknowledged that stenciling remains to be completed on Capstan Court and Riviera Court.*
- *K. Jackson stated the well abandonments were completed by Tuesday 11/27/18.*
- *K. Jackson stated that the SG point abandonments were completed on 11/26/18 and 11/27/18.*

- *Meeting parties held a general discussion about North Lawn Area seeding. EnviroTrac stated that they will re-seed as necessary in the Spring.*
- *URS and the Department will identify where the bollard needs to be installed near the Department's fenced-in enclosure onsite. EnviroTrac stated that they will install the bollard during the DOC #19 soils excavation.*
- *During the pre-meeting site walkover today, M. Haggerty noticed that the southernmost Arborvitae installed in Cove Court Island COV 23 was slanted. He gave EnviroTrac the option of adjusting it now or waiting until the Spring. EnviroTrac elected to wait until the Spring, they did not want to "shock" the tree by moving it now.*
- *On Tuesday 11/27/18, former Villas at Riverview Condo President Clinton Haynes asked K. Jackson to leave the orange snow fence that is currently installed along the southeastern border of the North Lawn Area at Riviera Court in place. He would like to keep passersby out of the Park. The Department did not take exception to this. The fence will be left in place.*
- *K. Jackson reminded EnviroTrac that they must submit affidavits from their sub-contractors for project closeout.*
- *K. Jackson stated that per the Contract Documents, stone that is placed for roads in the excavation area must be deducted from invoicing for transportation and disposal. He estimated that three loads of stone would require deduction. Meeting parties will discuss this matter further.*
- *Meeting parties held a general discussion regarding the Warranty Period and Final Payment. M. Rose stated that EnviroTrac will most likely request Final Payment and the release of retainage at the same time.*
- *EnviroTrac stated that Kenneth Davies and Michael Alliegro will be onsite tomorrow 11/30/18 to finish leaf removal from the North Lawn Area.*

## **15. Action Items**

### Previous Action Items

- *EnviroTrac*
  - *Submit a sketch of the North Lawn Area Irrigation System.*
  - *Submit outstanding weekly crack, vibration, and settlement monitoring reports.*
  - *Discuss North Lawn Area Topsoil Survey with LKMA. – **Completed***
  - *Resubmit South Lawn Area As-Built Survey*
  - *Discuss discrepancy in sod and topsoil areas with LKMA. – **Completed***
  - *Submit outstanding EDDs and Category B Deliverables. – **Partially Completed***
  - *Submit survey data for the project.*

## College Point 3 Interim Remedial Measure

### Project Progress Meeting 18

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- *Submit Restoration Work Plan. – **Completed***
- *Submit Quality Control Summary.*
- *Provide comments to URS' comments on PCO No. 13 time logs. – **Completed***
- *Submit PCO No. 14 for the transportation and disposal of the Delineation (Orphan) Pile. – **Completed***
- *Submit PCO for the abandonment of the SG points.*
- *Submit PCO for replacement of D.I. cover. – **Completed***
- *Submit PCO for the drip line installation. – **Completed***
- *Submit PCO for the fence installation. – **Completed***
- *Submit PCO for the irrigation system.*
- *Submit PCO for transportation and disposal of drums from NYDEC's enclosure. – **Completed***
- *Submit WBE/MBE Invoices*
- *Complete North Lawn Area electrical repairs.*
- *Weld anchors to metal edging of North Lawn Area Walkway. – **Completed***
- *Complete stenciling on Cove Court and Riviera Court.*
- *Complete well abandonment. – **Completed***
- *Submit sub-subcontractor affidavits.*
- *Remove fencing from North Lawn Area.*
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Send signed Daily Quality Control Reports back to EnviroTrac.*
  - *Provide EnviroTrac with a markup of PCO No. 11. – **Completed***
  - *Issue Field Order No. 21. – **Completed***
  - *Ask Villas at Riverview Condo President Brian Freeman About North Lawn Area Lights. – **Completed***
  - *Ask Villas at Riverview Condo President Brian Freeman About Magnolia Tree. – **Completed***
  - *Prepare Response for Resident at 120-01 Riviera Court regarding foundation cracks. – **Completed***
  - *Prepare bid letter for pavement installation. – **Completed***
- *NYSDEC*

#### Current Action Items

- *EnviroTrac*
  - *Troubleshoot North Lawn Area Lights.*
  - *Revise and Resubmit Project Schedule.*
  - *Submit North Lawn Area Irrigation System Sketch.*
  - *Submit outstanding weekly vibration, crack, and settlement monitoring reports.*
  - *Submit updated North Lawn Area backfill survey.*
  - *Submit revised South Lawn Area As-Built Survey.*
  - *Survey actual location of Documentation Sample Location DOC #19.*
  - *Submit field notes, calculations, survey data, and survey control monuments from LKMA.*

## College Point 3 Interim Remedial Measure

### Project Progress Meeting 18

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- *Ask American Analytical Laboratories about EDD for sod sample.*
- *Revise and resubmit PCO No. 11.*
- *Provide missing receipt for PCO No. 13.*
- *Prepare PCO No. 17 for SG point abandonment.*
- *Revise and resubmit PCO No. 16 for miscellaneous punchlist items.*
- *Submit PCO for Pacific Lawn Sprinklers.*
- *Submit CAP No. 9.*
- *Submit WBE/MBE invoices.*
- *Submit redline drawings.*
- *Prepare PCO for excavation of soils around Documentation Sample Location DOC #19.*
- *Follow up with McManus regarding South Lawn Area Yard Drain inspection,*
- *Submit sub-subcontractor affidavits.*
  
- *URS*
  - *Adjust total amount on updated Substantial Completion Punchlist.*
  - *Approve latest Category B Deliverable and EDD submittals.*
  - *Send signed Quality Control Reports to EnviroTrac.*
  - *Approve Backfill Sample Location Map.*
  - *Finalize Change Order No. 2.*
  
- *NYSDEC*

#### **16. Next Scheduled Progress Meeting**

- *To Be Determined.*

#### **17. Adjournment**

- *The meeting was adjourned at 13:00 pm.*

#### **ATTACHMENTS:**

*A – Meeting Agenda*

*B – Updated Substantial Completion Punchlist*

**ATTACHMENT A:**  
**MEETING AGENDA**

**PROJECT PROGRESS MEETING NO. 18 AGENDA**  
**College Point 3 Interim Remedial Measure**  
**Site Number: 241122**

**CONTRACT #D007622-47**

Thursday, November 29, 2018; 10:00 A.M.

Location: Project Site

**1. Minutes from Previous Meeting**

**2. Progress Since Last Meeting**

**3. Two-week Look-Ahead**



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Page 2**

**4. Project Schedule**

**5. Submittals**

- **Submittal Log Attached**

- **North Lawn Area Irrigation System As-Built Drawing**

- **Weekly Vibration, Crack, and Settlement Monitoring Reports**

**College Point 3 Interim Remedial Measure  
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- **Final Backfill Survey**
  
  
  
  
  
  
  
  
  
  
- **North Lawn Area Topsoil Survey Through 10/29/18**
  
  
  
  
  
  
  
  
  
  
- **South Lawn Area As-Built Drawing**

**College Point 3 Interim Remedial Measure  
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- **Electronic Data Deliverables**

- **Category B Deliverables**

- **Final Survey Data**

- **Restoration Work Plan**

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Page 5**

- **Quality Control Summary**

- **Backfill Sample Location Map**

- **South Lawn Area Topsoil/Sod Area Calculation**

**6. RFI/Field Orders**

- **Field Order No. 21**

**7. Field Clarification Memos**

- **None**

**8. Disputes/Claims**

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Page 6**

- **None**

**9. Proposed Change Orders**

- **PCO No. 11 – PCB Soils T&D**

- **PCO No. 13 – Additional Course**

- **PCO No. 14 – Delineation (Orphan) Pile T&D**

- **PCO SG Point Abandonment**

- **PCO No. 16 Miscellaneous Punchlist Items**
- **PCO No. 15 – Keys Gate**
- **PCO Pacific Lawn Sprinklers**
- **Change Order No. 2**

- 10. Payment Applications**
- **Payment Application No. 9**

- 11. WBE/MBE Utilization**

- 12. Health and Safety**
- **Cold Temperatures**

- 13. Open Discussion**
- **Documentation Sample Location DOC #19 Excavation**

- **North Lawn Area Light Testing**
- **120-07 Riviera Court – Magnolia Tree**
- **Bid Item No. 8 – Construction Water Management**
- **120-01 Riviera Court – Foundation**



- **Capstan Court Pavement/Well-SG Point Paving**
- **NYCDOB Plumbing Permit**
- **North Lawn Area Irrigation System Winterization**

- **Walkway Restoration – Anchors; Benches**
  
- **Cove Court, Capstan Court, and Riviera Court Stenciling**
  
- **Well Abandonment**
  
- **SG Point Abandonments**



- **Horse Trade**

- **Stone Deduction**

#### 14. **Action Items**

##### Previous Action Items

- *EnviroTrac*
  - *Submit a sketch of the North Lawn Area Irrigation System.*
  - *Submit outstanding weekly crack, vibration, and settlement monitoring reports.*
  - *Discuss North Lawn Area Topsoil Survey with LKMA. – **Completed***
  - *Resubmit South Lawn Area As-Built Survey*
  - *Discuss discrepancy in sod and topsoil areas with LKMA. – **Completed***
  - *Submit outstanding EDDs and Category B Deliverables. – **Partially Completed***
  - *Submit survey data for the project.*
  - *Submit Restoration Work Plan. – **Completed***
  - *Submit Quality Control Summary.*
  - *Provide comments to URS' comments on PCO No. 13 time logs. – **Completed***
  - *Submit PCO No. 14 for the transportation and disposal of the Delineation (Orphan) Pile. – **Completed***
  - *Submit PCO for the abandonment of the SG points.*
  - *Submit PCO for replacement of D.I. cover. – **Completed***
  - *Submit PCO for the drip line installation. – **Completed***
  - *Submit PCO for the fence installation. – **Completed***
  - *Submit PCO for the irrigation system.*
  - *Submit PCO for transportation and disposal of drums from NYDEC's enclosure. – **Completed***

**College Point 3 Interim Remedial Measure  
Progress Meeting No. 18 Agenda  
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- *Submit WBE/MBE Invoices*
- *Complete North Lawn Area electrical repairs.*
- *Weld anchors to metal edging of North Lawn Area Walkway. – **Completed***
- *Complete stenciling on Cove Court and Riviera Court.*
- *Complete well abandonment. – **Completed***
- *Submit sub-subcontractor affidavits.*
- *Remove fencing from North Lawn Area.*
- *URS*
  - *Provide comments on Project Progress Schedule. – **Completed***
  - *Send signed Daily Quality Control Reports back to EnviroTrac.*
  - *Provide EnviroTrac with a markup of PCO No. 11. – **Completed***
  - *Issue Field Order No. 21. – **Completed***
  - *Ask Villas at Riverview Condo President Brian Freeman About North Lawn Area Lights. – **Completed***
  - *Ask Villas at Riverview Condo President Brian Freeman About Magnolia Tree. – **Completed***
  - *Prepare Response for Resident at 120-01 Riviera Court regarding foundation cracks. – **Completed***
  - *Prepare bid letter for pavement installation. – **Completed***
- *NYSDEC*

*Current Action Items:*

*EnviroTrac*

*URS*

*NYSDEC*

**15. Next Scheduled Progress Meeting**

**16. Adjournment**

# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD CLARIFICATION MEMO (FCM) Log

*Start date: March 19, 2018*

*Updated: November 28, 2018 (11:11 AM)*

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
1	03/19/18	<p>EnviroTrac verbally informed the Engineer that due to difficulty in manually removing the 6' vinyl fence in the South Lawn Area, they plan on using a skid steer loader with fork attachment.</p> <p>In accordance with Contract Specification Section 01730, "Vibration Baseline Survey: The Contractor shall establish the pre-construction vibration conditions by monitoring at the locations shown on the approved drawing for one week prior to the initiation of any activity at the site. The vibration monitors shall record the vector sum of the wave velocity in inches per second. The objective of the baseline vibration survey is to establish baseline ground motions caused by vehicular traffic (buses, cars, trucks, trains, and other vibration sources) near the identified buildings and structures. These vibration levels shall be compared to vibrations induced during construction and may be used to revise threshold limitations for vibration induced damage."</p> <p>EnviroTrac shall record the vibration readings</p>	03/27/18	EnviroTrac began recording differences in vibration monitor readings beginning March 27, 2018, the mobilization date of the skid steer loader	

FCM No.	Date Sent	Description of Field Clarification	Date Responded	Subcontractor Response	Additional Actions
		<p>during the removal of the 6' vinyl fence in the South Lawn Area and note the differences from readings recorded during the remainder of the preconstruction.</p>			
2	04/30/18	<p>EnviroTrac shall protect/remove the patios identified in the photographs below. The parameters set forth in the Contract Documents shall govern the protection/removal of the remaining objects in the South Lawn Area.</p> <p>During the initial walk-over of the site on March 9, 2018 with NYSDEC, URS, and EnviroTrac present, there were objects present onsite where removal or protection was still in question.</p>	04/23/18	<p>EnviroTrac began protecting/removing patios that were originally in question per Engineer's field direction.</p>	



# COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

## FIELD ORDER (FO) Log

*Start date: March 19, 2018*

*Updated: November 28, 2018 (9:54PM)*

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
1	05/08/18	EnviroTrac shall immediately contact ChemTech and have them extract a new sample from NORTHLAWN-PRECHAR-AREA-3. ChemTech shall not re-run the existing extract.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with this sample.	
2	05/08/18	EnviroTrac shall immediately collect a discrete sample at each North Lawn Area #3 Waste Characterization Sampling Location (5 total samples). Collect the samples over the depth interval at which the original samples were collected. The samples shall only be analyzed for PCBs by EPA Method 8082A with a 24-hour turnaround time.	05/09/18	EnviroTrac submitted PCO No. 2 for an increase in Contract Price associated with these samples.	
3	05/14/18	EnviroTrac shall immediately perform the following: • Using direct push technology, 2-inch macrocore borings shall be advanced to 6 feet below ground surface (bgs) at 20 locations, at 10 foot intervals on a 30x40-foot grid centered on location N3-5A, as shown on the attached graph. • Grab samples will be collected at each of the following depths: 1-foot bgs; 2 feet bgs and 4 feet bgs. If staining is observed at the 4-foot interval, a sample shall be collected at 6 feet bgs. • Each sample shall be analyzed for PCB by USEPA Method	05/15/18	Notification from EnviroTrac that PCO will be submitted by 05/17/18.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>8082A. The 1-foot bgs; 2 feet bgs and 4 feet bgs samples at boring locations 1-9 on the attached map will be analyzed first. Samples collected from locations 11-20 shall be held by the laboratory along with any 6-foot samples. After the first set of analytical results for boring locations 1-9 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis. • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</p>			
4	05/14/18	<p>EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept between 100 and 200 cubic yards of soil impacted with Total Polychlorinated Biphenyls (PCBs) at an approximate concentration of 3,000 parts per million (ppm). • Provide a minimum of three quotations for the transportation and offsite disposal of the material and include any related project schedule impacts. • Identify any changes to approved project protocols such as personal protective equipment (PPE), decontamination, licensed waste haulers, and any different excavation methods etc. • Excavate the material and transport it offsite for disposal.</p>	05/15/18	Notification that PCO is forthcoming. Sample paperwork from potential waste facilities submitted on 05/17/18.	
5	05/14/18	<p>EnviroTrac shall immediately install temporary fencing in the South Lawn Area along Buildings 2, 3, 4, and 5. EnviroTrac shall install the temporary noise barrier on the temporary fencing.</p>	04/23/18	EnviroTrac installed fencing and noise barriers shortly after verbal direction was provided prior to Progress Meeting No. 2 on April 18, 2018. Formal Field Order provided with Response to RFI No. 5.	
6	06/19/18	<p>EnviroTrac shall sample stained soils encountered during the North Lawn Area excavation as directed by the Engineer, with the exception of soils addressed in Field Order No. 9. The samples shall be analyzed for PCB by USEPA Method</p>	06/19/18	EnviroTrac suggested handling this FO on a T&M basis, as field conditions dictate. They stated that a formal PCO detailing the additional costs could be prepared if and when stained soils are encountered.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		8082A. A 24-hour turn-around-time from the time samples are received at the laboratory is requested.			
7	06/22/18	EnviroTrac shall abandon the SVE and SG points shown in the attached Figures that are located in the pavement at the site. EnviroTrac shall abandon the SVE points in accordance with the Contract Documents. EnviroTrac shall cut and plug the visible tubing at the SG points, grout the points to existing grade, and restore the asphalt at the surface.			
8	05/31/18	EnviroTrac shall immediately have the following samples from the North Lawn Area Geoprobe® Sampling analyzed for PCBs by USEPA Method 8082A with a 24-hour turn-around-time: SB-01 (5-6ft) SB-01 (7-8ft) SB-01 (9-10ft) SB-11 (0-1ft) SB-11 (1-2ft) SB-12 (0-1ft) SB-12 (1-2ft) SB-13 (0-1ft) SB-13 (1-2ft) SB-14 (0-1ft) SB-14 (1-2ft) SB-15 (0-1ft) SB-15 (1-2ft) SB-19 (0-1ft) SB-19 (1-2ft) SB-20 (0-1ft) SB-20 (1-2ft)	06/05/18	Analytical results from additional samples submitted.	
9	06/15/18	EnviroTrac shall immediately perform the following: • Excavate around Geoprobe® Location 1 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 5 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 10 ft. below grade or as directed by the		Completed on 8/29/18 and 09/04/18	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Department/Engineer. • Excavate around Geoprobe ® Location 7 as shown in the attached Figure 1 on a 1:1 slope. • Collect one grab PCB sample from the four sidewalls of the excavation at 4 ft. below grade or as directed by the Department/Engineer. • Halt the excavation until analytical results are received. • Collect one grab PCB sample from the excavation bottom at 6 ft. below grade or as directed by the Department/Engineer. • 24-hour turn-around-time from the time samples are received at the laboratory is requested. • Dispose of the excavated material as directed in Field Order No. 4. • The sample locations shall be surveyed or measured from outside of the excavation for record information. • A separate decontamination pad will be constructed within the exclusion zone in accordance with Section 01066 of the Contract Documents. All decontamination activities must occur inside of the exclusion zone and be completed in accordance with 40 CFR 761.375. Non-liquid decontamination material waste shall be disposed of with the soil. Liquid decontamination waste will be containerized for future disposal.</b></p>			
10	06/19/18	<p><b>EnviroTrac shall execute the direction provided in the June 4, 2018 comments to Submittal 01051-4 - North Lawn Area Pre-Construction Topographic Survey.</b></p>	06/26/18	Additional surveying completed.	
11	06/21/18	<p><b>EnviroTrac shall excavate the paved section on Cove Court shown in the</b></p>	06/21/18	EnviroTrac suggested utilizing existing contract units for the removal of this area. They stated that the area seems small	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		attached Picture and Drawing to the depth of the adjacent South Lawn Area excavation and restore in accordance with the "Typical Lawn Area Restoration" on Drawing D-002 and the Contract Documents.		enough where field measurements should suffice for volumetric calculations.	
12	06/29/18	EnviroTrac shall immediately mow the lawn in the North Lawn Area.	07/05/18	North Lawn Area mowing completed.	
13	07/06/18	EnviroTrac shall install a Yard Drain with 20 ft. of piping in the South Lawn Area at the location specified in the field by the Engineer (see attached Figure). The Yard Drain and piping shall be as shown in the attached cut sheets or approved equal.	07/09/18	Notification that estimate for the work is forthcoming.	
14	07/11/18	EnviroTrac shall excavate the four (4) total planter boxes and islands identified in the attached photographs and restore them in accordance with the Contract Documents.	07/11/18		
15	07/16/18	EnviroTrac shall immediately perform the following: • Identify disposal facilities that will accept all excavated soils from the North Lawn Area and the planter boxes and islands excavated under Bid Items 10A and 10C and disposed of under Bid Item 13A. This does not include those soils with elevated PCB levels described in Field Order 4. • Provide a minimum of three unit price (per ton) quotations	07/19/18	Quotations for Planter Box Soil disposal submittal.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p>for the transportation and offsite disposal of the soils at those facilities, in accordance with Articles 9, 10, and 11 of the General Conditions. Submit each quotation as soon as it is received.</p> <ul style="list-style-type: none"> <li>• Identify any related project schedule impacts resulting from use of those disposal facilities.</li> <li>• Submit the alternate facilities to URS for review and approval. URS will issue a subsequent Field Order for the excavation, transportation, and offsite disposal of the material.</li> </ul>			
16	07/26/18	<p>EnviroTrac shall immediately perform the following:</p> <ul style="list-style-type: none"> <li>• Collect grab samples in the North Lawn Area at the locations shown in the attached Figures between 0 ft. and 1 ft. bgs.</li> <li>• Samples collected from locations 21 and 22 and the samples collected around location SS-11 shall be analyzed for PCB by USEPA Method 8082A.</li> <li>• Samples collected from locations 23-25 shall be held by the laboratory. After the analytical results for locations 21 and 22 are received, URS will instruct EnviroTrac how to proceed with the remaining sample analysis.</li> <li>• Prepare and analyze a waste characterization sample from the grab samples collected at locations N3-1B through N3-5B in accordance</li> </ul>	07/25/18	Additional North Lawn Area 3 Waste Characterization Sample and collected.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>with Clean Earth of Carteret guidelines (attached). • 24-hour turn-around-time from the time samples are received at the laboratory is requested.</b></p>			
17	08/02/18	<p><b>EnviroTrac shall install accent courses on reconstructed planter boxes CAP 1, CAP 3, CAP 5, CAP 6, CAP 8, CAP 10, COV 3, COV 5, COV 8, COV 10, COV 15, COV 17, COV 19, COV 20, COV 21, and COV 24A, similar to that shown on the attached photograph of original Planter Box COV 8. EnviroTrac shall also install an additional course on Island COV 5A.</b></p>	07/26/18	Additional course place on Planter Box COV 5A.	
18	08/17/18	<p><b>EnviroTrac shall remove the tree (pictured) that is shown in the center of the North Lawn Area in Contract Drawing C-005A (attached) that is specified to be protected.</b></p>	08/17/18	Tree removed.	
19	09/27/18	<p><b>Rather than excavate the area to the west of Grade Stakes 1106, 1111, 1116, and 1121 (shown on the attached (North) Grid Stakeout Plan), EnviroTrac shall clear and grub the area in accordance with the Contract Documents and place 1 ft. of clean fill material. The material shall be graded to tie into the surrounding contours shown on the attached Contract Drawing C-008 - Final Grading Plan</b></p>	10/08/18	EnviroTrac began clearing.	

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>North Lawn Area. EnviroTrac shall minimize vibration and the use of heavy equipment during the completion of the work. The pre-construction topographic survey for the North Lawn Area has also been appended for reference.</b></p>			
20	10/26/18	<p><b>There are three drums (picture attached) in the fenced-in enclosure near the Capstan Court entrance to the North Lawn Area that require disposal. One drum is a bulging drum containing water with a sheen that is unfit to ship in its current condition. The other two drums are overpack drums. One of these overpacks contains a drum full of oily socks. The other overpack contains a drum that is 1/3 filled with PCB Oil. The contents of the bulging drum can be emptied into the drum containing the PCB Oil. EnviroTrac shall use Innovative Recycling Technologies to dispose of these three drums under this Contract. The drums shall be disposed of as PCB waste with a concentration greater than 50 ppm.</b></p>	11/06/18	Drums shipped offsite.	
21	11/21/18	<p><b>EnviroTrac shall characterize the soils from 1 ft. to 2 ft. below existing grade in the 20 ft. x 20 ft. Area shown around</b></p>	11/12/18	Waste characterization samples collected.	



F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<p><b>Documentation Sampling Location DOC #19 in the attached Figure 1 for disposal at a facility approved by the Engineer. The waste characterization sample shall be analyzed with a 24-hour turnaround time. After receipt of waste characterization analytical results and approval from the disposal facility, EnviroTrac shall excavate the Area shown from 0 ft. to 1 ft. below existing grade (to the orange snow fence demarcation layer) and stockpile the soils on poly sheeting. EnviroTrac shall excavate and dispose of soils from 1 ft. to 2 ft. below existing grade. The excavated soils for disposal shall be placed in rolloffs staged as shown in Figure 2. They shall be taxied to the rolloffs from the excavation area using a hopper or other means acceptable to the Engineer. EnviroTrac shall backfill the excavation from 1 ft. to 2 ft. below existing grade with the stockpiled soils and re-install a demarcation barrier. EnviroTrac shall backfill the top 1 ft. of the excavation with topsoil imported from the approved offsite source. EnviroTrac shall make any necessary repairs to the North Lawn Area Irrigation System caused by this activity. When transporting the excavated soils to the rolloffs, EnviroTrac shall take</b></p>			

F.O. No.	Date Sent	Brief Description of Field Order	Date Responded	Contractor Response	Additional Actions
		<b>necessary measures to prevent spillage of the excavated contaminated materials, in order to prevent the recontamination of the previously restored areas. EnviroTrac shall provide a written procedure and include methods, such as placement of poly sheeting between the excavation area and the rolloffs. Restoration of cross-contaminated areas shall be performed at EnviroTrac's expense.</b>			

# URS CORPORATION

URS Corporation  
 257 West Genesee Street  
 Buffalo, New York 14202  
 Phone 716.856.5636 Fax 716.856.2545

Field Office  
 College Point 3 Interim Remedial Measure  
 College Point, New York  
 Phone 716.812.3905

## Proposed Change Order (PCO) Log

College Point 3 Interim Remedial Measure, NYSDEC Site No. 241122

Date: November 28, 2018 (10:10PM)

Y = yes N = no TBD = to be determined

PCO. No.	Initiated by / Date	Brief Description of Potential Change Order	Change Order Number	URS Response & Submittal Status	Cost Received, Cost Reviewed	Revised or Resubmitted	Final Submittal	Date Accepted or Rejected	Proposed Cost Increase or Decrease (per executed Change Order)	Time Increase or Decrease
0001	EnviroTrac 04/25/18	Current charges associated with the issuance of two separate subgrade plans differing from those included in the Contract Drawings	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 07/10/18; Approved on 08/17/18	Y,Y	Resubmitted on 07/12/18 for \$21,612.10 and 7-calendar day extension	07/12/18	08/17/18	\$21,612.10	0 day
0002	EnviroTrac 05/09/18	Initiated by Field Order 1 and Field Order 2, each dated May 8th, 2018. Covers charges associated with the re-running previously collected sample media, and collection and analysis of 5-discrete samples for PCBs.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved on 06/29/18	Y,Y	Resubmitted on 05/17/18 for \$1,000.50; Resubmitted on 05/18/18 for \$960.25; Resubmitted on 06/07/18 for \$940.25; Resubmitted on 06/21/18 for \$992.75	06/21/18	06/29/18	\$992.75	0 day

0003	EnviroTrac 05/17/18	Initiated by Field Order No. 3, dated May 14 <sup>th</sup> , 2018, charges associated with the completion of Geoprobe ® sampling in the North Lawn Area.	1	Resubmit with Revisions on 05/17/18; Resubmit with Revisions on 06/21/18; Approved As Noted on 06/29/18	Y,Y	Resubmitted on 05/18/18 for \$11,810.00; Resubmitted on 06/21/18 for \$14,079.00	06/21/18	06/29/18	\$14,079.00	0 day
0004	EnviroTrac 06/06/18	Initiated by changes to the South Lawn Area Yard Drain Detail provided by URS on 06/06/18	1	Resubmit with Revisions on 07/10/18; Resubmit with Revisions on 07/19/18; Resubmit with Revisions on 07/27/18; Approved on 08/02/18	Y,Y	Resubmitted on 07/12/18 for \$7,180.08; Resubmitted on 07/27/18 for \$5,857.79	07/27/18	08/02/18	\$5,857.79	0 day
0005	EnviroTrac 06/26/18	EnviroTrac request for Contract Time Extension		Disapproved on 07/19/18	Y,Y			07/19/18		
0006	EnviroTrac 07/18/18	Initiated by Field Order No. 12, dated 06/29/18, covers charges associated with mowing the North Lawn Area	1	Approved on 07/19/18	Y,Y		07/18/18	07/19/18	\$1,485.00	0 day
0007	EnviroTrac 07/23/18	Initiated by Field Order No. 15, dated 07/16/18, covers charges for transportation and disposal of Planter Box Soils at Clean Earth, Carteret, New Jersey		Rescinded by URS on 09/04/18	Y,Y		07/23/18		\$59.85/ton	0 day
0008	EnviroTrac 08/01/18	Initiated by Field Order No. 13, dated 07/06/18, covers charges for installation of western yard drain in the South Lawn Area	1	Approved on 08/17/18	Y,Y		08/01/18	08/17/18	\$651.03	0 day

0009	EnviroTrac 08/07/18	Initiated by Field Order No. 9, dated 06/15/18, covers charges for the excavation of soils in the North Lawn Area impacted with excessive concentrations of PCBs and the decontamination of equipment used to complete the excavation.	1	Resubmit with Revisions on 08/17/18; Approved on 08/23/18	Y,Y	Resubmitted on 08/14/18 for \$61,059.35 and 7-calendar day extension; Resubmitted on 08/17/18 for \$54,948.00 and 7-calendar day extension	08/17/18	08/23/18	\$54,948.00	7 day
0010	EnviroTrac 08/17/18	Initiated by Field Order No. 16, covers charges for collection and analysis of samples around SS-11 and collection and analysis new waste classification sample in North Lawn Area 3.	1	Resubmit with Revisions on 09/11/18; Approved on 09/18/18	Y,Y	Resubmitted on 09/13/18 for \$3,825.29	09/13/18	09/18/18	\$3,825.29	0 day
0012	EnviroTrac 08/24/18	Per the request of the Department, covers charges for collection and analysis of sod sample for criteria compliance.	1	Approved on 09/05/18	Y,Y		08/24/18	09/05/18	\$1,548.50	0 day
0011	EnviroTrac 10/04/18	Initiated by Field Order 15, covers charges for the transportation and disposal of the soils excavated in the North Lawn Area impacted with excessive concentrations of PCBs		Resubmit with Revisions on 11/28/18	Y,Y				\$98,016.45	0 day
0013	EnviroTrac 10/10/18	Initiated by Field Order No. 17, covers charges for the placement of accent course and additional course on select Planter Boxes and Islands on Cove Court and Capstan Court			Y,Y				\$9,547.51	0 day
0014	EnviroTrac 11/16/18	Covers charges for the sampling, transportation, and disposal of the delineation (orphan) pile		Approved on 11/28/18	Y,Y		11/16/18	11/28/18	\$10,546.41	0 day
0015	EnviroTrac 11/15/18	Covers charges for purchase and installation of 7-foot wide by 6-foot tall double swing gate in South Lawn Area vinyl fencing		Disapproved on 11/28/18	Y,Y		11/15/18	11/28/18	\$1,181.25	0 day

0016	EnviroTrac 11/16/18	Covers charges for drip line installation on Riviera Court, securing cover on South Lawn Area D.I. near loading platform, cleaning of NYSDEC enclosure, and preparing NYSDEC drums for transportation and disposal		Resubmit with Revisions on 11/28/18	Y,Y					\$1,260.00	0 day
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## COLLEGE POINT 3 INTERIM REMEDIAL MEASURE

### Request for Further Information (RFI) Log

Start date: February 7, 2018

Updated: November 28, 2018 (9:55PM)

RFI No.	Date Received	Brief Description of RFI	Response No. / Date Responded	Response	Additional Actions
001	03/02/18	Please specify permissible grade tolerances during subgrade preparation	04/05/18	<p>Contract Specification Section 02300, Paragraph 3.01 E requires that “Fill material depth shall meet the minimum thicknesses shown, and shall vary above those minimums in order to achieve the final grade elevations as shown on the Contract Drawings.” Additionally, per Notes 1 and 2 on Dwg. C-009, “Final grades shall match pre-existing grades at all features to be preserved...”, and “Final grades shall drain away from buildings.”</p> <p>To achieve these results, the Subcontractor must excavate to the specified subgrade elevations and place at least the required minimum thickness of clean fill and topsoil (see details) while maintaining the required drainage patterns.</p> <p>URS recognizes that over-excavation may result from the irregular nature of the material, and will work with the Subcontractor to achieve acceptable results. The Subcontractor will be paid based on the actual quantities to achieve the required cover system and drainage as designed and approved by the Engineer. Post-excavation survey data shall be submitted to URS for approval incrementally to avoid the Subcontractor incurring unauthorized costs.</p> <p>The quantities were estimated from our existing survey data. Given the topography, URS recommends the Subcontractor conduct a high-resolution survey to establish as-built subgrade elevations using current topography.</p>	<p>Subcontractor surveys received 04/10/18 and 4/13/18.</p> <p>Engineer returned revised Grading Plans 04/17/18</p>

Updated: November 28, 2018 (9:55PM)

002	04/09/18	Can inverter generators be used to power field offices in lieu of temporary electric drop?	04/13/18	The use of inverter generators to power the field offices in lieu of a temporary electric drop is approved. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the addition of the generators. The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York) and requirements as specified in Specification Section 01561- Environmental Protection and Section 01060 - Regulatory Requirements.
003	04/09/18	A potential disposal facility has requested previous site data.	04/10/18	The full analytical reports (less the raw data) for the samples presented in the Limited Site Data Document, corresponding COCs, sampling protocol, and sample maps are included in an attached .pdf.
004	04/13/18	Request for permission to use spigot on Cove Court	05/01/18	Per the discussion held onsite on April 23, 2018 between M. Alliegro, K. Jackson, and Condo 3 Property Manager Rex White, permission has been granted to EnviroTrac to use the spigot. Approval is conditioned upon that no additional cost or schedule impacts are anticipated with the use of the spigot.
005	04/26/18	Request for Field Order to install temporary fencing in the South Lawn area along Buildings 2, 3, 4, and 5.	05/14/18	Please note that per Contract Specification Section 01561, Paragraph 3.01 A.: "The Subcontractor shall comply with the New York City Department of Environmental Protection Noise Code (15RCNY 28, local law No. 113) and the requirements of the New York City Noise Code (Chapter 28 of the Rules of the City of New York)." Per Section 28-108, Paragraph d. of the New York City Noise Code: "Noise curtains. Noise curtain material may be mounted or hung over perimeter chain link fences, or draped over small noise sources, to form a flexible barrier. The chain link fences can also be attached to the top of jersey bases." Please see the attached Field Order No. 5.



Updated: November 28, 2018 (9:55PM)

RFI No.	Date Received	Brief Description of RFI	Date Responded	Response	Additional Actions
006	06/04/18	Request for formalized Field Order to complete the additional surveying requirements indicated in response to Submittal 1051-4. The original submission is based on the 20x20' grid provided in the Contract Documents. Request to confirm that the topo points in Submittal 1051-4 shall be utilized to generate a revised subgrade plan.	06/19/18	The North Lawn Area topo points provided by EnviroTrac will be used to generate revised Subgrade and Final Grading Plans for the North Lawn Area. Please see the attached Field Order regarding the comments provided on Submittal 01051-4 North Lawn Area Pre-Construction Topographic Survey.	
007	08/06/18	It has been advised that the following plant is considered invasive: Japanese Barberry It has been advised that the following tree will not survive the zone: Pinus Muricata Please suggest an alternate for each.	08/09/18	Please replace the Japanese Barberry with the Aronia melanocarpa - Black Chokeberry, planted size of #3 container at 36" spacing. The Pinus muricata is shown as an existing tree to be preserved (see Contract Drawing C010). These trees should still be preserved.	

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURE - QUEENS, QUEENS COUNTY, NEW YORK  
SUBMITTAL REGISTER**

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01035	Health and Safety	01035-1		Health and Safety Plan	2/20/2018	W. Smith	3/6/2018	Resubmit with Revisions	
			a		3/15/2018	W. Smith	3/23/2018	Resubmit with Revisions	
			b		4/2/2018	W. Smith	4/9/2018	Approved	
			c		6/18/2018	K. Jackson	6/22/2018	Approved	<i>M. Alliegro dual role identified.</i>
		01035-2		Contact List	3/8/2018	K. Jackson	3/12/2018	Approved	
01040	Project Coordination	01040-1		List of Subcontractors	3/2/2018	K. Jackson	3/15/2018	Approved as Noted	
		01040-2		Staging Areas and Contamination Reduction Zone					
		01040-3	a	Project Schedule	2/16/2018	R. West	2/28/2018	Resubmit with Revisions	
					3/8/2018	R. West	3/12/2018	Approved	
					4/17/2018	K. Jackson			
					4/27/2018	K. Jackson			
					5/9/2018	K. Jackson			
					5/29/2018	K. Jackson	6/7/2018	Resubmit with Revisions	
					6/8/2018	K. Jackson	6/19/2018	Resubmit with Revisions	
					6/22/2018	K. Jackson			
					7/10/2018	K. Jackson	7/19/2018	Resubmit with Revisions	
					7/24/2018	K. Jackson	8/3/2018	Resubmit with Revisions	
					8/7/2018	K. Jackson	8/17/2018	Resubmit with Revisions	
					8/21/2018	K. Jackson	8/30/2018	Resubmit with Revisions	
					9/4/2018	K. Jackson	9/13/2018	Resubmit with Revisions	
					9/18/2018	K. Jackson	9/28/2018	Resubmit with Revisions	
					10/2/2018	K. Jackson	10/12/2018	Resubmit with Revisions	
					10/16/2018	K. Jackson	10/26/2018	Resubmit with Revisions	
					10/30/2018	K. Jackson	11/12/2018	Resubmit with Revisions	
		11/13/2018	K. Jackson	11/27/2018	Resubmit with Revisions				
01051	Survey	01051-1		Proposed South Lawn Grid	4/3/2018	K. Jackson	4/16/2018		<i>Not Subject to Review</i>
		01051-2	a	Pre-Construction Topographic Survey	4/10/2018	R. West	4/11/2018	Resubmit with Revisions	
					4/13/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
		01051-3	b		4/26/2018	K. Jackson	5/1/2018		<i>Not Subject to Review</i>
					5/22/2018				
		01051-4	a	North Lawn Area Pre-Construction Topographic Survey	5/23/2018	K. Jackson	6/4/2018	Resubmit with Revisions	
					7/10/2018	K. Jackson	7/23/2018	Approved as Noted	
					8/3/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
					8/9/2018	K. Jackson	8/10/2018	Resubmit with Revisions	
		01051-5	b		8/10/2018	K. Jackson	8/10/2018	Approved	
					6/6/2018	K. Jackson	6/8/2018	Approved	
		01051-6	a	South Lawn Area Post-Excavation Survey (Partial)	6/13/2018	K. Jackson	6/20/2018	Resubmit with Revisions	
					10/29/2018	K. Jackson	11/6/2018	Approved	
		01051-7	b		11/7/2018	K. Jackson			<i>Same Document as 01051-6a</i>
					7/8/2018	K. Jackson	7/11/2018	Resubmit with Revisions	
		01051-8	a	Planter Box Survey Data	7/13/2018	K. Jackson			
					7/31/2018	K. Jackson	12/3/2018	Approved	
		01051-9	b		7/23/2018	K. Jackson	7/30/2018	Approved	
					7/31/2018	K. Jackson	8/1/2018	Approved	
		01051-10	a	South Lawn Backfill Survey through July 19, 2018	8/3/2018	K. Jackson	12/3/2018	Approved	
10/29/2018	K. Jackson						<i>Same Document as 01051-9a</i>		
01051-11	b		8/13/2018	K. Jackson	12/3/2018	Approved			
			8/15/2018	K. Jackson	8/23/2018	Resubmit with Revisions			
01051-12	a	South Lawn Area Topsoil Survey through August 8, 2018	8/22/2018	K. Jackson	8/24/2018	Approved			
			11/8/2018	K. Jackson			<i>Same Document as 01051-11a</i>		
01051-13	b	South Lawn Area Topsoil Survey through August 21, 2018	9/13/2018	K. Jackson					
			10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
01051-14	a	North Lawn Area Proposed Stakeout Plan	10/10/2018	K. Jackson					
			10/12/2018	K. Jackson	10/19/2018	Approved			
01051-15	b		10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
			10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
01051-16	a	North Lawn Area Excavation Survey through September 27, 2018	10/12/2018	K. Jackson	10/19/2018	Approved			
			10/10/2018	K. Jackson					
01051-17	b	North Lawn Area Excavation Survey through October 10, 2018	10/2/2018	K. Jackson	10/11/2018	Resubmit with Revisions			
			10/10/2018	K. Jackson					
01051-18	a	North Lawn Area Backfill Survey through September 27, 2018	10/12/2018	K. Jackson	10/19/2018	Approved			
			10/2/2018	K. Jackson	10/11/2008	Resubmit with Revisions			
01051-19	b	North Lawn Area Backfill Survey through October 10, 2018	10/10/2018	K. Jackson					
			10/10/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
01051-20	a	Planter Box Aboveground Backfill Volumes	10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
			10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
01051-21	b		10/10/2018	K. Jackson					
			10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
01051-22	a	North Lawn Area Topsoil Survey through October 10, 2018	10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			
			10/12/2018	K. Jackson	10/19/2018	Resubmit with Revisions			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01051-16	a	North Lawn Area Topsoil Survey through October 29, 2018	11/8/2018	K. Jackson	11/13/2018	Resubmit with Revisions	
			b		11/13/2018	K. Jackson/R.West	11/28/2018	Approved	Same Document as 01051-16a
		01051-17	a	North Lawn Area Excavation Survey through October 24, 2018	10/29/2018	K. Jackson	11/6/2018	Resubmit with Revisions	
					11/7/2018	K. Jackson	11/13/2018	Approved	
		01051-18		North Lawn Area Backfill Survey through October 24, 2018	10/29/2018	K. Jackson	11/6/2018	Approved	
		01051-19		South Lawn Area As-Built Survey	11/7/2018	K. Jackson/R.West	11/14/2018	Resubmit with Revisions	
		01051-20		Revised South Lawn Area Topsoil Area Calculation	11/26/2018	K. Jackson/R.West	11/28/2018	Approved	
		01051-21		Survey Instrument Certifications					
		01051-22		Permanent Survey Control Monuments					
		01051-23		Record Survey Drawings					
		01051-24		Survey Field Notes and Records					
01051-25+		Survey Data and Maps for On-Site Work							
01051-26+		Sample Location Data							
01066	Decontamination Station	01066-1	a	Decontamination Pad Shop Drawings	5/10/2018	K. Jackson	5/15/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved as Noted	
01300	Submittals	01300-1	a	Submittal Transmittal Template	2/15/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
					2/28/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		01300-2	a	RFI Template	3/2/2018	K. Jackson	3/5/2018	Approved	
					2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		01400-1	a	Sampling and Analysis Plan	3/2/2018	K. Jackson	3/5/2018	Resubmit with Revisions	
					3/8/2018	K. Jackson	3/12/2018	Approved	
01400	Sampling	01400-1	b	Sampling and Analysis Plan	3/6/2018	G. Kisluk	3/13/2018	Resubmit with Revisions	
					3/15/2018	G. Kisluk	3/18/2018	Resubmit with Revisions	
					3/20/2018	G. Kisluk	3/22/2018	Resubmit with Revisions	
					3/22/2018	G. Kisluk	3/22/2018	Approved	
		01400-2		Documentation Samples DOC #1 through DOC #3 - Category B Deliverable	8/13/2018	G. Kisluk	12/3/2018	Approved	
		01400-3		Documentation Samples DOC #4 through DOC #10 - Category B Deliverable	8/13/2018	G. Kisluk	12/3/2018	Approved	
		01400-4		Documentation Samples PLANTER-DOC-1 though PLANTER-DOC-10 – Category B Deliverable	8/27/2018	G. Kisluk	9/13/2018	Resubmit with Revisions	
		01400-5		PCB Area Excavation Delineation Samples Electronic Data Deliverable	9/12/2018	G. Kisluk	12/3/2018	Approved	
		01400-6		North Lawn Area Waste Characterization Sampling - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-7		Planter Box Soils Waste Characterization Sample No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-8		North Lawn Area No. 3 Waste Characterization Sample Re-Run - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-9		Planter Box Soils Waste Characterization Sample No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-10		Backfill Analytical - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-11		Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-12		Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-13		Additional Geoprobe Sampling Results No. 2 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-14		Planter Box Documentation Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-15		PCB Results Sample Locations 21 and 22 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-16		Orphan Pile Waste Characterization Sample - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-17		PCB Soils Excavation Sample 39A - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-18		North Lawn Area No. 3 Discrete Samples - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-19		Additional Geoprobe Sampling Results No. 1 - Electronic Data Deliverable	10/8/2018	G. Kisluk	12/3/2018	Approved	
		01400-20		Topsoil Analytical	10/9/2018	G. Kisluk	12/3/2018	Approved	
		01400-21		Documentation Samples DOC #11 through DOC #17 - Electronic Data Deliverable	10/22/2018	G. Kisluk			
		01400-22		South Lawn Area Waste Characterization Sampling - Electronic Data Deliverable	11/14/2018	G. Kisluk			
		01400-23		Backfill Analytical - Category B Deliverable	11/14/2018	G. Kisluk			
		01400-24		Topsoil Analytical - Category B Deliverable	11/14/2018	G. Kisluk			
		01400-25		South Lawn Area Documentation Samples DOC #4 through DOC #10 - Electronic Data Deliverable	11/14/2018	G. Kisluk			
		01400-26		South Lawn Area Documentation Samples DOC #1 through DOC #3 - Electronic Data Deliverable	11/14/2018	G. Kisluk			
		01400-27		Planter Box Documentation Samples - Category B Deliverable	11/14/2018	G. Kisluk			
		01400-28		SS-11 Delineation Samples - Electronic Data Deliverable	11/14/2018	G. Kisluk			
		01400-29		North Lawn Area Documentation Samples DOC #11 through DOC #17 - Category B Deliverable	11/14/2018	G. Kisluk			
		01400-30		Waste Characterization Sample of the UST Water Drums - Electronic Data Deliverable	11/14/2018	G. Kisluk			
		01400-31		North Lawn Area Documentation Samples DOC #18 through DOC #24 - Category B Deliverable	11/14/2018	G. Kisluk			
01400-32		North Lawn Area Documentation Samples DOC #18 through DOC #24 - Electronic Data Deliverable	11/14/2018	G. Kisluk					
01400-33		North Lawn Area Documentation Samples DOC #25 through DOC #32 - Category B Deliverable	11/14/2018	G. Kisluk					
01400-34		North Lawn Area Documentation Samples DOC #25 through DOC #32 - Electronic Data Deliverable	11/14/2018	G. Kisluk					

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
		01400-35		North Lawn Area Documentation Sample DOC #19 Delineation Samples - Category B Deliverable	11/14/2018	G. Kisluk			
		01400-36		North Lawn Area Documentation Sample DOC #19 Delineation Samples - Electronic Data Deliverable	11/28/2018	G. Kisluk			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
01510	Site Facilities and Services	01510-1		Field Office Floor Plan	2/22/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/12/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		01510-2		Security Plan	2/22/2018	K. Jackson	3/1/2018	Approved	
01570	Maintenance and Protection of Traffic	01570-1		Transportation Plan					See T&D Plan and Traffic Control Plan
		01570-1	a	Traffic Control Plan	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
01560	Dust Control	01572-1		Dust Control Plan	2/28/2018	K. Jackson	3/6/2018	Approved as Noted	
01561	Environmental Protection	01561-1		Construction Noise Mitigation Plan	3/12/2018	K. Jackson	3/27/2018	Resubmit with Revisions	
			4/10/2018		K. Jackson	4/13/2018	Resubmit with Revisions		
			4/17/2018		K. Jackson	4/23/2018	Approved		
01700	Contract Closeout	01700-1		Project Record Documents					
		01700-2		Quality Control Summary					
		01700-3		Project Close-Out Submittals					
01720	Project Record Documents	01720-1+		As-built Marked Prints					
		01720-2		Final As-built Marked Prints					
		01730-1		Vibration Monitors	3/21/2018	K. Jackson	3/23/2018	Approved	
		01730-2		Vibration Monitoring Plan	3/29/2018	K. Jackson	4/12/2018	Resubmit with Revisions	
			a		4/17/2018	K. Jackson	5/1/2018	Resubmit with Revisions	
			b		6/29/2018	K. Jackson	12/3/2018	Approved as Noted	
		01730-3	a	Weekly Vibration Monitoring Report - 3/26/18 - 3/30/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-4	a	Weekly Vibration Monitoring Report - 4/2/18 - 4/6/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-5		Weekly Vibration Monitoring Report - 4/9/18 - 4/13/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-6		Weekly Vibration Monitoring Report - 4/16/18 - 4/20/18	5/15/2018	K. Jackson	6/1/2018	Approved	
		01730-7	a	Optical Settlement Monitoring Report #1 - Baseline - 3/24/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-8	a	Optical Settlement Monitoring Report #2 - 3/29/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-9	a	Optical Settlement Monitoring Report #3 - 4/5/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-10	a	Optical Settlement Monitoring Report #4 - 4/12/18	5/15/2018	K. Jackson	6/1/2018	Resubmit with Revisions	
					6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-11		Optical Settlement Monitoring Report #5 - 5/2/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-12		Optical Settlement Monitoring Report #6 - 5/4/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-13		Optical Settlement Monitoring Report #7 - 5/9/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-14		Optical Settlement Monitoring Report #8 - 5/11/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-15		Optical Settlement Monitoring Report #9 - 5/16/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-16		Optical Settlement Monitoring Report #10 - 5/18/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-17		Optical Settlement Monitoring Report #11 - 5/23/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-18		Optical Settlement Monitoring Report #12 - 5/25/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-19		Optical Settlement Monitoring Report #13 - 5/30/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-20		Optical Settlement Monitoring Report #14 - 6/1/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-21		Optical Settlement Monitoring Report #15 - 6/6/18	6/7/2018	K. Jackson	12/3/2018	Approved	
		01730-22		Weekly Vibration Monitoring Report - 4/23/18 - 4/27/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-23		Weekly Vibration Monitoring Report - 4/30/18 - 5/4/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-24		Weekly Vibration Monitoring Report - 5/7/18 - 5/11/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-25		Weekly Vibration Monitoring Report - 5/14/18 - 5/18/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-26		Weekly Vibration Monitoring Report - 5/21/18 - 5/25/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-27		Weekly Vibration Monitoring Report - 5/28/18 - 6/1/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-28		Weekly Vibration Monitoring Report - 6/4/18 - 6/8/18	6/20/2018	K. Jackson	12/3/2018	Approved	
		01730-29		Crack Gauge Inspection Report - 05/03/18	6/25/2018	K. Jackson	12/3/2018	Approved	
01730-30		Crack Gauge Inspection Report - 05/10/18	6/25/2018	K. Jackson	12/3/2018	Approved			
01730-31		Crack Gauge Inspection Report - 05/17/18	6/25/2018	K. Jackson	12/3/2018	Approved			
01730-32		Crack Gauge Inspection Report - 05/24/18	6/25/2018	K. Jackson	12/3/2018	Approved			
01730-33		Crack Gauge Inspection Report - 05/31/18	6/25/2018	K. Jackson	12/3/2018	Approved			
01730-34		Pre-Construction Observation Report	6/25/2018	K. Jackson	12/3/2018	Approved			
01730-35		Weekly Vibration Monitoring Report - 6/11/18 - 6/15/18	7/12/2018	K. Jackson	12/3/2018	Approved			
01730-36		Weekly Vibration Monitoring Report - 6/18/18 - 6/22/18	7/12/2018	K. Jackson	12/3/2018	Approved			
01730-37		Weekly Vibration Monitoring Report - 6/25/18 - 6/29/18	7/12/2018	K. Jackson	12/3/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS	
01730	Vibration	01730-38		Weekly Vibration Monitoring Report - 07/02/18 - 07/06/18	8/9/2018	K. Jackson	12/3/2018	Approved		
		01730-39		Weekly Vibration Monitoring Report - 07/09/18 - 07/13/18	8/9/2018	K. Jackson	12/3/2018	Approved		
		01730-40		Weekly Vibration Monitoring Report - 07/16/18 - 07/20/18	8/9/2018	K. Jackson	12/3/2018	Approved		
		01730-41		Weekly Vibration Monitoring Report - 07/23/18 - 07/27/18	8/9/2018	K. Jackson	12/3/2018	Approved		
		01730-42		Weekly Vibration Monitoring Report - 07/30/18 - 08/03/18	8/9/2018	K. Jackson	12/3/2018	Approved		
		01730-43		Crack Gauge Inspection Report - 06/07/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-44		Crack Gauge Inspection Report - 06/14/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-45		Crack Gauge Inspection Report - 06/20/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-46		Crack Gauge Inspection Report - 06/27/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-47		Crack Gauge Inspection Report - 07/03/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-48		Crack Gauge Inspection Report - 07/11/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-49		Crack Gauge Inspection Report - 07/18/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-50		Crack Gauge Inspection Report - 07/26/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-51		Optical Settlement Monitoring Report #16 - 6/8/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-52		Optical Settlement Monitoring Report #17 - 6/13/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-53		Optical Settlement Monitoring Report #18 - 6/15/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-54		Optical Settlement Monitoring Report #19 - 6/20/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-55		Optical Settlement Monitoring Report #20 - 6/22/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-56		Optical Settlement Monitoring Report #21 - 6/27/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-57		Optical Settlement Monitoring Report #22 - 6/29/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-58		Optical Settlement Monitoring Report #23 - 7/6/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-59		Optical Settlement Monitoring Report #24 - 7/13/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-60		Optical Settlement Monitoring Report #25 - 7/20/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-61		Optical Settlement Monitoring Report #26 - 7/27/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-62		Optical Settlement Monitoring Report #27 - 8/3/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-63		Optical Settlement Monitoring Report #28 - 8/10/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-64		Optical Settlement Monitoring Report #29 - 8/17/18		8/21/2018	K. Jackson	12/3/2018	Approved	
		01730-65		Crack Gauge Inspection Report - 08/16/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-66		Crack Gauge Inspection Report - 08/23/18 and 8/24/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-67		Crack Gauge Inspection Report - 08/30/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-68		Crack Gauge Inspection Report - 09/06/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-69		Weekly Vibration Monitoring Report - 08/06/18 - 08/10/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-70		Weekly Vibration Monitoring Report - 08/13/18 - 08/17/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-71		Weekly Vibration Monitoring Report - 08/27/18 - 08/31/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-72		Weekly Vibration Monitoring Report - 09/03/18 - 09/07/18		9/18/2018	K. Jackson	12/3/2018	Approved	
		01730-73		Optical Settlement Monitoring Report #30 - 8/24/18		9/18/2018	K. Jackson	12/3/2018	Approved	
01730-74		Optical Settlement Monitoring Report #31 - 8/31/18		9/18/2018	K. Jackson	12/3/2018	Approved			
01730-75		Optical Settlement Monitoring Report #32 - 9/7/18		9/18/2018	K. Jackson	12/3/2018	Approved			
01730-76		Optical Settlement Monitoring Report #33 - 9/11/18		10/18/2018	K. Jackson					
01730-77		Optical Settlement Monitoring Report #34 - 9/15/18		10/18/2018	K. Jackson					
01730-78		Weekly Vibration Monitoring Report - 09/10/18 - 09/14/18		10/22/2018	K. Jackson					
01730-79		Weekly Vibration Monitoring Report - 09/17/18 - 09/21/18		10/22/2018	K. Jackson					
01730-80		Weekly Vibration Monitoring Report - 09/24/18 - 09/28/18		10/22/2018	K. Jackson					
01730-81		Optical Settlement Monitoring Report #37 - 9/25/18		10/29/2018	K. Jackson					
01730-82		Optical Settlement Monitoring Report #38 - 9/29/18		10/29/2018	K. Jackson					
01730-83		Optical Settlement Monitoring Report #35 - 9/18/18		10/30/2018	K. Jackson					
01730-84		Optical Settlement Monitoring Report #36 - 9/22/18		10/30/2018	K. Jackson					
01730-85		Crack Gauge Inspection Report - 09/20/18		10/30/2018	K. Jackson					
01730-86		Final Results Report								
02100	Clearing and Grubbing	02100-1		Tree Pruning Compound	3/12/2018	K. Jackson	3/15/2018	Approved		
02110		02110-1		Site Preparation Plan						
02120	Erosion and Sediment Control	02120-1	a	Erosion and Sediment Control Plan	3/7/2018	K. Jackson	3/15/2018	Resubmit with Revisions		
			b		3/19/2018	R. West/K. Jackson	4/2/2018	Resubmit with Revisions		
					4/3/2018	R. West/K. Jackson	4/5/2018	Approved		
		02120-2		SPDES GP-0-15-002 Compliance Information						
		02220-1	a	Excavation Work Plan	3/26/2018	K. Jackson	4/3/2018	Resubmit with Revisions		
					4/5/2018	R. West/K. Jackson	4/16/2018	Resubmit with Revisions		

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02220	Excavation		b		4/26/2018	K. Jackson	5/3/2018	Approved as Noted	
		02220-2		Demarcation Barrier	4/26/2018	K. Jackson	5/1/2018	Approved	
		02220-3	a	PCB Area Excavation Plan	8/16/2018	K. Jackson	8/20/2018	Resubmit with Revisions	
02230	Transportation and Disposal	02230-1		Transportation and Disposal Plan	4/16/2018	K. Jackson	5/4/2018	Approved as Noted	
		02230-1		Anticipated Disposal Facility	3/6/2018	K. Jackson	3/12/2018	Resubmit with Revisions	
		02230-1a			3/14/2018	K. Jackson	3/15/2018	Approved as Noted	
		02230-2		South Lawn Area Soil Waste Profile	4/13/2018	M. Haggerty	4/20/2018	Approved	
		02230-3		Planter Box Soil Waste Profile	5/30/2018	M Haggerty	6/5/2018	Approved	
		02230-4		Waste Manifest (Completed)/Weigh Tickets May 2018	6/12/2018	K. Jackson	12/3/2018	Approved	
		02230-5		Waste Manifest (Completed)/Weigh Tickets June 2018 (incl. C&D Debris)	7/10/2018	K. Jackson	12/3/2018	Approved	
		02230-6		Planter Box Waste Profile (Carteret, New Jersey)	7/12/2018	M. Haggerty	7/16/2018	Approved	
		02230-7		North Lawn Area Soil Waste Profile (Bethlehem)	8/14/2018	M. Haggerty	8/15/2018	Approved	
		02230-8		PCB Area Soils Waste Profile (Clean Earth of North Jersey/Emelle)	8/15/2018	M. Haggerty	8/17/2018	Approved	
		02230-9		Decon Rinsate Profile	9/7/2018	M. Haggerty	9/12/2018	Approved	
		02230-10		Orphan Pile Signed Waste Management Fairless Hills Profile	9/24/2018	C. Dusel	9/26/2018	Approved	
		02230-11		Underground Storage Tank Water Profile	10/2/2018	M. Haggerty	10/4/2018	Approved	
		02230-12		Orphan Pile Signed Bayshore Soil Management Profile	10/15/2018	M.Haggerty	10/15/2018	Approved	
		02230-13		PCB Soils Clean Earth of North Jersey Certificate of Disposal	10/30/2018	K. Jackson			
		02230-14		DOC #19 Soils Conestoga Landfill Waste Profile	11/19/2018	M. Haggerty	11/19/2018	Approved	
02230-15		DOC #19 Soils Waste Management Fairless Hills Profile Amendment	11/12/2018	C.Dusel	11/20/2018	Approved			
02230-16		DOC #19 Soils Waste Management Fairless Hills PCB Certification/Certificate of Non-Hazardous Waste	11/27/2018	M. Haggerty	11/27/2018	Approved			
02300	Backfilling, Grading, and Compaction	02300-1		Backfill Analytical Results	5/31/2018	P. Fairbanks	6/7/2018	Approved	
		02300-2		Filling and Grading Work Plan	6/4/2018	K. Jackson	6/8/2018	Approved	
		02300-3		Backfill Sieve Analysis Results	6/5/2018	K. Jackson/R. West	6/7/2018	Approved	
		02300-4		Yard Drain Backfill Sieve Analysis Results	7/6/2018	K. Jackson/R. West	7/6/2018	Approved	
		02300-5		Weigh Bills for Backfill June 2018	6/22/2018	K. Jackson	12/3/2018	Approved	
		02300-6		Concrete Sand Sieve Analysis	10/2/2018	K. Jackson			
		02300-7		Sample Location Sketch	11/28/2018	K.Jackson			
		02300-8		Final Grading Plan		K. Jackson			
02503	Restoration	02503-1		Proposed Replacement Fence Materials	10/4/2018	K. Jackson	10/5/2018	Approved as Noted	
		02503-2	a	Restoration Work Plan	11/15/2018	K. Jackson/R. West	11/27/2018	Resubmit with Revisions	
		02508-1	a	Community Air Monitoring Program	4/17/2018	K. Jackson	5/4/2018	Resubmit with Revisions	
					5/18/2018	K. Jackson	6/1/2018	Approved	
		02508-2	a	Weekly Air Monitoring Report - 4/23/18 - 5/4/18	5/7/2018	K. Jackson	5/10/2018	Resubmit with Revisions	
					5/10/2018	K. Jackson	5/11/2018	Approved	
		02508-3		Weekly Air Monitoring Report - 5/7/18 - 5/11/18	5/14/2018	K. Jackson	5/15/2018	Approved	
		02508-4	a	Weekly Air Monitoring Report - 5/14/18 - 5/18/18	5/21/2018	K. Jackson	5/24/2018	Resubmit with Revisions	
					5/25/2018	K. Jackson	5/25/2018	Approved	
		02508-5	a	Weekly Air Monitoring Report - 5/21/18 - 5/25/18	5/29/2018	K. Jackson	5/31/2018	Resubmit with Revisions	
					6/5/2018	K. Jackson	6/8/2018	Approved	
		02508-6		Weekly Air Monitoring Report - 5/29/18 - 6/1/18	6/4/2018	K. Jackson	6/8/2018	Approved	
02508-7	a	Weekly Air Monitoring Report - 6/4/18 - 6/8/18	6/12/2018	K. Jackson	6/15/2018	Resubmit with Revisions			
			6/19/2018	K. Jackson	6/21/2018	Approved			

SPEC SECTION	SECTION	SUBMITTAL NUMBER	REVISION NUMBER	SUBMITTAL DESCRIPTION	DATE RECEIVED	REVIEWER	DATE RETURNED	REVIEW STATUS	REMARKS
02508	Community Air Monitoring Program	02508-8		Weekly Air Monitoring Report - 6/11/18 - 6/15/18	6/18/2018	K. Jackson	6/21/2018	Approved	
		02508-9		Raw Monitoring Data - April and May 2018	6/14/2018	K. Jackson	12/3/2018	Approved	
		02508-10		Weekly Air Monitoring Report - 6/18/18 - 6/22/18	6/25/2018	K. Jackson	6/29/2018	Approved	
		02508-11		Weekly Air Monitoring Report - 6/25/18 - 6/29/19	7/2/2018	K. Jackson	7/5/2018	Approved	
		02508-12		Raw Monitoring Data - June 2018	7/9/2018	K. Jackson	12/3/2018	Approved	
		02508-13		Weekly Air Monitoring Report - 07/02/18 - 07/06/18	7/9/2018	K. Jackson	7/13/2018	Approved	
		02508-14		Weekly Air Monitoring Report - 07/09/18 - 07/13/18	7/16/2018	K. Jackson	7/20/2018	Approved	
		02508-15		Weekly Air Monitoring Report - 07/16/18 - 07/20/18	7/23/2018	K. Jackson	7/27/2018	Approved	
		02508-16		Weekly Air Monitoring Report - 07/23/18 - 07/27/18	7/30/2018	K. Jackson	8/2/2018	Approved	
		02508-17		Weekly Air Monitoring Report - 07/30/18 - 08/03/18	8/6/2018	K. Jackson	8/10/2018	Approved	
		02508-18		Raw Monitoring Data - July 2018	8/7/2018	K. Jackson	12/3/2018	Approved	
		02508-19		Weekly Air Monitoring Report - 08/06/18 - 08/10/18	8/13/2018	K. Jackson	8/17/2018	Approved	
		02508-20		Weekly Air Monitoring Report - 08/13/18 - 08/17/18	8/20/2018	K. Jackson	8/24/2018	Approved	
		02508-21		Weekly Air Monitoring Report - 08/20/18 - 08/24/18	8/27/2018	K. Jackson	9/4/2018	Approved	
		02508-22		Weekly Air Monitoring Report - 08/27/18 - 08/31/18	9/4/2018	K. Jackson	9/7/2018	Approved	
		02508-23		Raw Monitoring Data - August 2018	9/4/2018	K. Jackson	12/3/2018	Approved	
		02508-24		Weekly Air Monitoring Report - 09/03/18 - 9/07/18	9/10/2018	K. Jackson	9/12/2018	Approved	
		02508-25		Weekly Air Monitoring Report - 09/10/18 - 9/14/18	9/17/2018	K. Jackson	9/21/2018	Approved	
		02508-26		Weekly Air Monitoring Report - 09/17/18 - 9/21/18	9/24/2018	K. Jackson	9/28/2018	Approved	
		02508-27		Weekly Air Monitoring Report - 09/24/18 - 9/28/18	10/1/2018	K. Jackson	10/5/2018	Approved	
		02508-28		Raw Monitoring Data - September 2018	10/1/2018	K. Jackson	12/3/2018	Approved	
		02508-29		Weekly Air Monitoring Report - 10/1/18 - 10/5/18	10/8/2018	K. Jackson	10/12/2018	Approved	
		02508-30		Weekly Air Monitoring Report - 10/8/18 - 10/12/18	10/15/2018	K. Jackson	10/19/2018	Approved	
		02508-31		Weekly Air Monitoring Report - 10/15/18 - 10/19/18	10/22/2018	K. Jackson	10/26/2018	Approved	
02508-32		Weekly Air Monitoring Report - 10/22/18 - 10/26/18	10/29/2018	K. Jackson	11/2/2018	Approved			
02508-33		Raw Monitoring Data - October 2018	11/2/2018	K. Jackson					
02508-34		Weekly Air Monitoring Report - 10/29/18 - 11/2/18	11/2/2018	K. Jackson	11/14/2018	Approved			
02700	Planting	02700-1		List of Plant Materials and Sources (Cove Court, Capstan Court, Riviera Court)	9/7/2018	K. Jackson	9/7/2018	Approved	
		02700-2		Plant Product Inspection Data					
02734	Well Decommissioning	02734-1		Well Decommissioning Work Plan	3/30/2018	M. Gutmann	4/9/2018	Resubmit with Revisions	
		02734-2	a	Well Abandonment Records	4/10/2018	M. Gutmann	4/12/2018	Approved	
02900	Topsoil	02900-1		Topsoil Samples – Analytical Test Results	6/21/2018	G. Kisluk	6/22/2018	Approved	
		02900-2		Equipment List					
02920	Seed, Sod, and Mulch	02920-1		Vegetative Soil and Turf Work Plan	7/27/2018	K. Jackson/R. West	8/2/2018	Resubmit with Revisions	
		02920-2		Sod Certification	8/17/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-3		Sod Seed Certification	8/20/2018	K. Jackson/R. West	8/24/2018	Approved	
		02920-4		Seed Report	8/22/2018	K. Jackson/R. West	8/24/2018	Approved	
			a	Bid Breakdown/Schedule of Values	2/15/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
		b	3/27/2018		K. Jackson	4/5/2018	Resubmit with Revisions		
		c	4/6/2018		K. Jackson	4/23/2018	Resubmit with Revisions		
		d	4/24/2018		K. Jackson	5/3/2018	Resubmit with Revisions		
					6/7/2018	K. Jackson	6/20/2018	Approved as Noted	
				Detailed M/WBE-EEO Utilization Plan and Work Plan	2/20/2018	K. Jackson	3/1/2018	Resubmit with Revisions	
					4/19/2018	K. Jackson			
				Performance Bonds	2/20/2018	K. Jackson	2/28/2018	Resubmit with Revisions	
			a		3/19/2018	K. Jackson	4/2/2018	Approved	
				Certificates of Insurance	2/20/2018	B. Orwat	2/23/2018	Resubmit with Revisions	
				Revised Certificates of Insurance	2/28/2018	B. Orwat	3/1/2018	Approved	
				Nyoplast ® Shop Drawings	6/22/2018	K. Jackson	6/25/2018	Resubmit with Revisions	
					6/26/2018	K. Jackson	6/26/2018	Approved	
				Irrigation System Layout Sketch	8/3/2018	D. Morehouse	8/7/2018	Resubmit with Revisions	
				Irrigation System As-Built Drawing	8/16/2018	D. Morehouse	8/31/2018	Resubmit with Revisions	
			a		9/17/2018	D. Morehouse	12/3/2018	Approved	



MANIFEST TRACKING LOG FOR THE COLLEGE POINT 3 IRM

TRANSPORTER:

LIO = Liotta and Sons  
 LOG = Logitech  
 SHR - Shirley Express  
 DRV - DRV Express  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
05/07/18	CY		LIO	30	LIO	Trash from Trailers/Demolished South Lawn Area Patios/South Lawn Area ExcavatedTelephone Poles	NH	Y	Y	15340	7.67			
05/09/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34040	17.02			
05/14/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	30460	15.23			
05/16/18	CY		LIO	20	LIO	South Lawn Area Concrete	NH	Y	Y	34140	17.07			
05/29/18	CY		LIO	30	LIO	South Lawn Area Stumps/Brush/Tires/Scrap Metal	NH	Y	Y	7940	3.97			
06/05/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	30460	15.23			
06/11/18	CY		LIO	30	LIO	Trees from Planter Box Clearing	NH	Y	Y	10400	5.2			
06/27/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Cove/Capstan)	NH	Y	Y	34140	17.07			
07/02/18	CY		LIO	30	LIO	Trees from Planter Box Clearing/Timbers from Planter Box Excavation (Riviera)	NH	Y	Y	8600	4.3			
07/25/18	CY		LIO	30	LIO	Trees from Planter Box Clearing (Riviera)	NH	N	N					
08/15/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/16/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
08/20/18	CY		LIO	30	LIO	Trees From North Lawn Area Clearing	NH	N	N					
10/12/18	CY		LIO	30	LIO	North Lawn Area Clearing;Non-Metal Debris from North Lawn Area Excavation; Jennings Planter Box Timbers	NH	N	N					
11/05/18	CY		LIO	30	LIO	General Site Trash/Tree at the Front of North Lawn Area Near Riviera Court	NH	N	N					
11/12/18	CY		LIO	30	LIO	Old South Lawn Area Vinyl Fence/General Site Trash	NH	N	N					
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	47880	23.94	1	1752158	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	49440	24.72	2	1692397	
05/17/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54260	27.13	3	1692398	
05/17/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61740	30.87	4	1752161	
05/17/18	TONS	NJ AT579Z	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62300	31.15	5	1752159	
05/17/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61020	30.51	6	1752160	
05/21/18	TONS	NJ AU976A	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54000	27	7	1752157	
05/21/18	TONS	NJ AU223A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59320	29.66	8	1752156	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59360	29.68	9	1752155	
05/21/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60220	30.11	10	1752154	
05/21/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60480	30.24	11	1752153	
05/21/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62860	31.43	12	1752152	
05/21/18	TONS	NJ AS811V	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59980	29.99	13	1752151	
05/21/18	TONS	NJ AS859P	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59660	29.83	14	1752150	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	65680	32.84	15	1752149	
05/21/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	64260	32.13	16	1752148	
05/21/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58360	29.18	17	1752147	
05/21/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56860	28.43	18	1752146	
05/21/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58040	29.02	19	1752145	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59180	29.59	20	1752144	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56580	28.29	21	1752143	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56780	28.39	22	1752142	
05/22/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58780	29.39	23	1752141	
05/22/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	54060	27.03	24	1752140	
05/22/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	58500	29.25	25	1752139	
05/22/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	57080	28.54	26	1752138	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	45540	22.77	27	1752137	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	56000	28	28	1752136	
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	60740	30.37	29	1752135	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62460	31.23	30	1752134	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61060	30.53	31	1752133	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	59560	29.78	32	1752132	
05/23/18	TONS	NJ AT580Z	DRV	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	67640	33.82	33	1752131	
05/23/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	61860	30.93	34	1752130	

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										LBS	TONS			
05/23/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 1 Soil	NH	Y	Y	62520	31.26	35	1752129	
05/23/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63820	31.91	36	1752128	
05/23/18	TONS	NJ AT955Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	63520	31.76	37	1752127	
05/23/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	65480	32.74	38	1752126	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57360	28.68	39	1752125	
05/24/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58380	29.19	40	1752124	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56380	28.19	41	1752123	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62620	31.31	42	1752122	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58760	29.38	43	1752121	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58720	29.36	44	1752120	
05/24/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	59700	29.85	45	1752119	
05/24/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56620	28.31	46	1752118	
05/24/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	62840	31.42	47	1752117	
05/24/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	60160	30.08	48	1752116	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58040	29.02	49	1752115	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62520	31.26	50	1752114	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63100	31.55	51	1752113	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	63540	31.77	52	1752112	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61020	30.51	53	1752111	
05/29/18	TONS	R336118	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58280	29.14	54	1752110	
05/29/18	TONS	NJ AU249D	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	64040	32.02	55	1752109	
05/29/18	TONS	NJ AU716F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59860	29.93	56	1752108	
05/29/18	TONS	NJ AS365X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60340	30.17	57	1752107	
05/29/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62940	31.47	58	1752106	
05/30/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59280	29.64	59	1752105	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	61660	30.83	60	1752104	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59720	29.86	61	1752103	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60800	30.4	62	1752102	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60840	30.42	63	1752101	
05/30/18	TONS	R336122	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	54840	27.42	64	1752099	
05/30/18	TONS	NJ AU224A	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	57060	28.53	65	1752098	
05/30/18	TONS	NJ AS366X	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	60580	30.29	66	1752097	
05/30/18	TONS	NJ AS317W	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	62900	31.45	67	1752096	
05/30/18	TONS	NJ AT579Z	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59660	29.83	68	1752095	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59840	29.92	69	1752094	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55940	27.97	70	1752093	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51220	25.61	71	1752092	
05/31/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	55220	27.61	72	1752091	
05/31/18	TONS	NJ AS122L	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56620	28.31	73	1752090	
05/31/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59900	29.95	74	1752089	
06/01/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	59620	29.81	75	1752088	
06/01/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	52580	26.29	76	1752087	
06/01/18	TONS	NJ AU607F	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	56780	28.39	77	1752086	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	69340	34.67	78	1752083	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	58320	29.16	79	1752085	
06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 2 Soil	NH	Y	Y	51420	25.71	80	1752084	

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06/04/18	TONS	NJ AU222A	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	57640	28.82	81	1752080	
06/04/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	58040	29.02	82	1752082	
06/04/18	TONS	NJ AS352F	SHR	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	56880	28.44	83	1752081	
06/05/18	TONS	NJ AU976A	DRV	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	53260	26.63	84	1752079	
06/05/18	TONS	NJ AU421C	LOG	22	CE	South Lawn Area No. 3 Soil	NH	Y	Y	47680	23.84	85	1752078	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	62360	31.18	86	1691356	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58080	29.04	87	1691361	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53280	26.64	88	1691357	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	47180	23.59	89	1691358	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	54300	27.15	90	1691360	
08/07/18	TONS	NJ AS740V	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55580	27.79	91	1691359	
08/07/18	TONS	NJ AT580Z	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	61680	30.84	92	1286870	
08/07/18	TONS	NJ AU716F	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	57260	28.63	93	1286869	
08/07/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	58440	29.22	94	1286868	
08/07/18	TONS	NJ AS365X	SHR	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	55660	27.83	95	1286867	
08/07/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49940	24.97	96	1262666	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60200	30.1	97	1286858	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	60920	30.46	98	1286859	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49840	24.92	99	1286857	
08/08/18	TONS	NJ AU421C	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	51620	25.81	100	1286865	
08/08/18	TONS	NJ AU420C	DRV	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	49160	24.58	101	1286864	
08/08/18	TONS	NJ AU195L	LOG	22	CE	Planter Area Soils (except CAP-6 and COV 20/20A); Cove Court South Lawn Area Entrance	NH	Y	Y	53700	26.85	102	1286863	
09/05/18	TONS	NJ AT992P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	30540	15.27	1	016327635.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	61340	30.67	2	016327599.JJK	
09/05/18	TONS	NJ AT595V	GRD	22	ALA	PCB Soils Excavation	H	Y	N	50380	25.19	3	016327597.JJK	
09/05/18	TONS	NJ AT882P	GRD	22	ALA	PCB Soils Excavation	H	Y	N	57880	28.94	4	016327600.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	52600	26.3	5	016327601.JJK	
09/05/18	TONS	NJ AS654W	GRD	22	ALA	PCB Soils Excavation	H	Y	N	47540	23.77	6	016327595.JJK	
09/05/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	55320	27.66	7	016327594.JJK	
09/06/18	TONS	NJ AT515Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	60020	30.01	8	016327607.JJK	
09/06/18	TONS	NJ AJ883X	GRD	22	ALA	PCB Soils Excavation	H	Y	N	46380	23.19	9	016327606.JJK	
09/06/18	TONS	NJ AT520Y	GRD	22	ALA	PCB Soils Excavation	H	Y	N	58540	29.27	10	016327596.JJK	
09/13/18	TONS	NJ AU430C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61200	30.6	103	1254715	

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DESIGNATED FACILITY

LIO - Liotta Brothers Recycling Corp  
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TONS = Ton; G = Gallon; P = Pound; K= Kilograms, CY = Cubic Yards  
 H = Haz. NH = Non-Haz., Y = Yes, N = No

N/A =Not Applicable

Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight	Scale Weight	Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54820	27.41	104	1254716	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55200	27.6	105	1254719	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55380	27.69	106	1254720	
09/13/18	TONS	NJ AT379Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54260	27.13	107	1254721	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	54800	27.4	108	1254722	
09/13/18	TONS	NJ AU420C	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	66220	33.11	109	1254723	
09/13/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62440	31.22	110	1254724	
09/13/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	61820	30.91	111	1254725	
09/13/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62180	31.09	112	1254726	
09/13/18	TONS	NJ AT579Z	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55400	27.7	113	1254727	
09/13/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	56720	28.36	114	1254728	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55860	27.93	115	1254729	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	45320	22.66	116	1254730	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59280	29.64	117	1254731	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	55520	27.76	118	1691351	
09/17/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53140	26.57	119	1254802	
09/17/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	52100	26.05	120	1254801	
09/17/18	TONS	NJ AS463A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	50420	25.21	121	1254800	
09/17/18	TONS	NJ AU607F	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	57360	28.68	122	1254799	
09/17/18	TONS	NJ AU194L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53840	26.92	123	1254798	
09/17/18	TONS	NJ AU976A	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	62480	31.24	124	1631355	
09/17/18	TONS	NJ AU195L	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59380	29.69	125	1691354	
09/17/18	TONS		DRV	22	CE	North Lawn Area N1 Soil	NH	Y	Y	59300	29.65	126	1691352	
09/17/18	TONS	NJ AT680D	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	63020	31.51	127	1254797	
09/17/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N1 Soil	NH	Y	Y	53400	26.7	128	1691353	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47280	23.64	129	1254796	
09/19/18	TONS	NJ AU568E	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46340	23.17	130	1254795	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52540	26.27	131	1691262	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51860	25.93	132	1691261	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55820	27.91	133	1691259	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46920	23.46	134	1691260	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	59540	29.77	135	1691258	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	46100	23.05	136	1691251	
09/19/18	TONS	NJ AT862D	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53540	26.77	137	1691257	
09/19/18	TONS	NJ AU568C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51980	25.99	138	1691253	
09/19/18	TONS		SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	47700	23.85	139	1254794	
09/19/18	TONS	NJ AT597L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49460	24.73	140	1254793	
09/19/18	TONS	NJ AT782U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	56640	28.32	141	1254791	
09/19/18	TONS	NJ AT778U	JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	45680	22.84	142	1691255	
09/19/18	TONS		JCT	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54180	27.09	143	1691254	
09/19/18	TONS	NJ AU399C	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	48240	24.12	144	1691252	
09/19/18	TONS	NJ AT598L	LEL	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49540	24.77	145	1691256	
09/19/18	TONS	NJ AS687P	SHR	22	CE	North Lawn Area N3 Soil	NH	Y	Y	55980	27.99	146	1254792	
09/20/18	TONS	NJ AS375X	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	44700	22.35	147	1691222	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51680	25.84	148	1691221	
09/20/18	TONS	NJ AU963D		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51480	25.74	149	1817626	
09/20/18	TONS	NJ AT374N		22	CE	North Lawn Area N3 Soil	NH	Y	Y	51360	25.68	150	1817627	
09/20/18	TONS		AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	49100	24.55	151	1817625	
09/20/18	TONS	NJ AT491P		22	CE	North Lawn Area N3 Soil	NH	Y	Y	52900	26.45	152	1817624	
09/20/18	TONS	NJ AS688P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53500	26.75	153	1817623	
09/20/18	TONS	NJ AS687P	MCB	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52920	26.46	154	1817622	
09/20/18	TONS	NJ AT515C	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51960	25.98	155	1817621	
09/20/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	52200	26.1	156	1817620	
09/20/18	TONS	NJ AT379N	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	51820	25.91	157	1817619	
09/20/18	TONS	NJ AS921D	AIZ	22	CE	North Lawn Area N3 Soil	NH	Y	Y	50040	25.02	158	1817618	
09/20/18	TONS	NJ AU962D	DJE	22	CE	North Lawn Area N3 Soil	NH	Y	Y	54140	27.07	159	1817617	
09/20/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	Y	Y	53160	26.58	160	1817616	
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	48440	24.22	161	1817615	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	42960	21.48	162	1817614	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	52620	26.31	163	1817613	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	54420	27.21	164	1817612	
09/24/18	TONS	NJ AU641U	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	49520	24.76	165	1817611	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	50440	25.22	166	1817610	
09/24/18	TONS	NJ AU963D	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	57140	28.57	167	1817609	

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Date	Unit	License Plate	Trans-Porter	EST VOL/Weight	Desig-nated Facility	Description	Type: Haz or NonHaz	Return Original Yes / No	Weight Ticket Y/N	Scale Weight		Waste Tracking Number	Manifest Number	Item / PCO #
										LBS	TONS			
09/24/18	TONS	NJ AS375Y	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	52220	26.11	168	1817608	
09/24/18	TONS	NJ AT374N	DJE	22	CE	North Lawn Area N3 Soil	NH	N	N	46000	23	169	1817606	
09/24/18	TONS	NJ AT561T	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	51480	25.74	170	1817607	
09/24/18	TONS	NJ AT490B	AME	22	CE	North Lawn Area N3 Soil	NH	N	N	52580	26.29	171	1817605	
09/24/18	TONS	NJ AU641D	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	52620	26.31	172	1817604	
09/24/18	TONS	NJ AU234M	URI	22	CE	North Lawn Area N3 Soil	NH	N	N	55060	27.53	173	1817603	
09/25/18	TONS	NJ AT585X	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	61400	30.7	174	1817602	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	55800	27.9	175	1817601	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	55960	27.98	176	1817600	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N	52020	26.01	177	1817599	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	64980	32.49	178	1817598	
09/25/18	TONS	NJ AS859P	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	60220	30.11	179	1817597	
09/25/18	TONS	NJ AS365X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	63580	31.79	180	1817596	
09/25/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N3 Soil	NH	N	N	55400	27.7	181	1817595	
09/25/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N3 Soil	NH	N	N	64480	32.24	182	1817594	
09/25/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N3 Soil	NH	N	N	58320	29.16	183	1817593	
09/25/18	TONS	NJ AS859P	SHR	22	CE	NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD NO LOAD	NH	N	N	59240	0	184	1817592	
09/27/18	TONS	NJ AU418L	BRA	22	CE	North Lawn Area N3 Soil	NH	N	N	47580	23.79	185	1817591	
09/27/18	TONS	NJ AR629H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	55260	27.63	186	1817590	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	57260	28.63	187	1817589	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	65180	32.59	188	1817588	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	60720	30.36	189	1817587	
09/27/18	TONS	NJ AR602H	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	50600	25.3	190	1817586	
09/27/18	TONS	NJ AU210J	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	52480	26.24	191	1817585	
09/27/18	TONS	NJ AT207Y	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	56200	28.1	192	1817584	
09/27/18	TONS	NJ AU417C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	60120	30.06	193	1817583	
09/27/18	TONS	NJ AU418C	BRA	22	CE	North Lawn Area N2 Soil	NH	N	N	59240	29.62	194	1817582	
10/02/18	TONS	NJ AT713P	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N	50900	25.45	195	1673562	
10/02/18	TONS	NJ NS944	JDC	22	CE	North Lawn Area N2 Soil	NH	N	N	50840	25.42	196	1622898	
10/02/18	TONS	NJ AL794W	CF	22	CE	North Lawn Area N2 Soil	NH	N	N	54760	27.38	197	1817580	
10/02/18	TONS	NJ AS137R	CF	22	CE	North Lawn Area N2 Soil	NH	N	N	57380	28.69	198	1817581	
10/03/18	TONS	NJ AS756F	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	46920	23.46	199	1817531	
10/03/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45420	22.71	200	1817538	
10/03/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45100	22.55	201	1817537	
10/03/18	TONS	NJ AS269R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	42600	21.3	202	1817536	
10/04/18	TONS	NJ AT558B	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	40700	20.35	203	1817535	
10/04/18	TONS	NJ AS757P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45220	22.61	204	1817534	
10/04/18	TONS	NJ AS756P	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	45760	22.88	205	1817533	
10/04/18	TONS	NJ AS264R	MEN	22	CE	North Lawn Area N2 Soil	NH	N	N	47260	23.63	206	1817532	
10/16/18	TONS	NJ AS566X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	65020	32.51	207	1817539	
10/16/18	TONS	NJ A6134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	60260	30.13	208	1817540	
10/16/18	TONS	NJ AT379Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	64620	32.31	209	1817541	
10/16/18	TONS	NJ AU842R	JCT	22	CE	North Lawn Area N2 Soil	NH	N	N	64360	32.18	210	1817542	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	63500	31.75	211	1817543	
10/16/18	TONS	NJ AS122L	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	56800	28.4	212	1817579	
10/16/18	TONS	NJ AT579Z	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	65400	32.7	213	1817578	
10/16/18	TONS	NJ AU607F	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	61880	30.94	214	1817574	
10/16/18	TONS	NJ AS740V	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N	59500	29.75	215	1817575	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N	61980	30.99	216	1817576	
10/16/18	TONS		ZEL	22	CE	North Lawn Area N2 Soil	NH	N	N	55680	27.84	217	1817577	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54860	27.43	1	28118-1	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	46520	23.26	2	28118-2	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	52860	26.43	3	28118-3	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	45420	22.71	4	28118-4	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54760	27.38	5	28118-5	
10/17/18	TONS		ZEL	22	BAY	Delineation (Orphan) Pile	NH	N	N	54680	27.34	6	28118-6	
10/18/18	DRUM		INN	6	CEJ	UST Water Drums	NH	N	N		0	1	28117	
10/18/18	DRUM		INN	1	CEJ	PCB Decontamination Materials Drum	H	N	N		0	1	016327731JJK	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N	58500	29.25	218	1817573	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	62240	31.12	219	1817572	
10/18/18	TONS				CE	North Lawn Area N2 Soil	NH	N	N	56180	28.09	220	1817571	
10/18/18	TONS	NJ AU976A	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N	60800	30.4	221	1817570	
10/18/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	59400	29.7	222	1817566	
10/18/18	TONS	NJ AS368X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N	51800	25.9	223	1817567	

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10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			224	1817564	
10/22/18	TONS	NJ AS366X	SHR	22	CE	North Lawn Area N2 Soil	NH	N	N			225	1817569	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			226	1817565	
10/22/18	TONS	NJ AS369X	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			227	1817563	
10/22/18	TONS	NJ AU134R	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			228	1817559	
10/22/18	TONS	NJ AU195L	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			229	1817560	
10/22/18	TONS		LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			230	1817561	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			231	1817562	
10/23/18	TONS	NJ AU222A	LOG	22	CE	North Lawn Area N2 Soil	NH	N	N			232	1817558	
10/23/18	TONS	NJ AU976B	DRV	22	CE	North Lawn Area N2 Soil	NH	N	N			233	1817557	
10/23/18	TONS			22	CE	North Lawn Area N2 Soil	NH	N	N			234	1817556	
11/06/18	DRUM		INN	2	CEJ	PCB Oil with Contents of Oily Water Drum (First Drum)/Garbage Bag Full of Oily Absorbent Socks	H	N	N			1	016327784JJK	

**ATTACHMENT B:**  
**UPDATED SUBSTANTIAL COMPLETION PUNCHLIST**

# URS Corporation

252 West Genesee Street, Suite 400  
Buffalo, New York 14202 Phone 716.856.5636 Fax 716.856.2545  
Date of Substantial Completion: October 29, 2018  
Projected Date of Final Completion: November 28, 2018

College Point 3 IRM  
NYSDEC Site No. 2-41-122  
NYSDEC Contract No. D007622-47

## Project Incomplete Work List Report – Attachment A

Re: College Point 3 IRM

List Updated as of Date: November 28, 2018 (9:51PM)

No.	Date Added to List:	Description of Incomplete Work List Item:	Status of Item:	Date Inspected/ Completed:	Estimated Cost in (\$)	Schedule for Completion
1	10/31/18	Replace Sod Beneath Northeastern Section South Lawn Area 6 ft. Vinyl Fence	Complete	11/13/18	\$440.00	11/16/18
2	10/31/18	Replace Sod at Riviera Court Platform	Complete	11/01/18	\$475.00	11/16/18
3	10/31/18	Replace Sod Near Condo 3 Buildings	Complete	11/13/18	\$98.00	11/16/18
4	10/31/18	Abandon Monitoring Wells	Complete	11/27/18	\$9,990.00	11/16/18
5	10/31/18	Abandon SG Points	Complete	11/27/18	\$1,120.00	11/16/18
6	10/31/18	Remove Drums as Specified in Field Order No. 20	Complete	11/06/18	\$1,380.00	11/28/18
7	10/31/18	Complete Cove Court and Capstan Court Stenciling	Incomplete		\$280.00	11/16/18
8	10/31/18	Install Riviera Court Drip Lines	Complete	11/13/18	\$1,120.00	11/28/18
9	10/31/18	Remove Hanging Branch from North Lawn Area Tree	Complete	11/14/18	\$70.00	11/16/18
10	10/31/18	Clean Section of 6-ft. Vinyl Fence Near Yard 12	Complete	11/14/18	\$70.00	11/16/18
11	10/31/18	Submit Subcontractor Weekly and Quality Control Reports for Weeks Ending 10/19/18, 10/26/18, 11/02/18, 11/09/18, and 11/16/18	Incomplete		\$760.00	11/16/18
12	10/31/18	Repair of Drainage Inlet Near Riviera Court Platform	Complete	11/15/18	\$440.00	11/16/18
13	10/31/18	Install J-Plug at Monitoring Well EB-45/DEC-25	Complete	11/12/18	\$70.00	11/16/18
14	10/31/18	Repair Wellhead at Monitoring Well EB-47/DEC-30	Complete	11/07/18	\$140.00	11/16/18



15	10/31/18	Replace Saltspray Roses in North Lawn Area Planting Bed No. 2	Complete	11/09/18	\$140.00	11/16/18
16	10/31/18	Pull NYCDOB Plumbing Permit	Complete	10/29/18	\$3,675.00	11/28/18
17	10/31/18	Trim Sod at Cove Court Islands COV 5A, COV 6A, and COV 20A	Complete	11/08/18	\$70.00	11/16/18
18	10/31/18	Submit Survey Data	Incomplete		\$100.00	11/29/18
19	10/31/18	Submit Electronic Data Deliverables	Incomplete		\$100.00	11/29/18
20	10/31/18	Submit Category B Deliverables	Incomplete		\$100.00	11/29/18
21	10/31/18	Submit Crack Monitoring Reports for Weeks Ending 08/03/18, 08/10/18, 09/14/18, 09/28/18 and October 2018	Incomplete		\$900.00	11/29/18
22	10/31/18	Submit Settlement Monitoring Reports for October 2018	Incomplete		\$1,000.00	11/29/18
23	10/31/18	Remove Vibration and Crack Monitors	Complete	11/01/18	\$800.00	11/16/18
24	10/31/18	Capstan Court and Cove Court Paving	Complete	11/28/18	\$18,900.00	11/28/18
25	10/31/18	Move North Lawn Planting Bed and Yard 4 Arborvitae to Cove Court Islands COV 1 and COV 24	Complete	11/02/18	\$280.00	11/16/18
26	10/31/18	Install three Ivory Halo Plants at 120-09 Riviera Court	Complete	11/09/18	\$70.00	11/16/18
27	10/31/18	Install Sweetbay Magnolia at North Lawn Area Planting Bed No. 1	Complete	11/15/18	\$300.00	11/16/18
28	10/31/18	Complete and Submit Final Site Survey	Incomplete		\$2,000.00	11/28/18
29	10/31/18	Remove Weeds on Riviera Court, Cove Court, and Capstan Court	Incomplete		\$560.00	11/16/18
30	10/31/18	Submit North Lawn Irrigation System Layout Sketch	Incomplete		\$400.00	11/28/18
31	10/31/18	Install and Touch-Up North Lawn Area Walkway Benches	Complete	11/12/18	\$560.00	11/16/18
32	10/31/18	Weld Anchors to Metal Edging on North Lawn Area Walkway	Complete	11/14/18	\$560.00	11/16/18
33	10/31/18	Hydroseed Area to the North of North Lawn Area Walkway	Complete	10/30/18	\$170.00	11/16/18
34	10/31/18	Test North Lawn Area Lights	Incomplete		\$760.00	11/16/18
35	10/31/18	Replace Black Eyed Susan in Planter Box at 120-23 Riviera Court	Complete	11/02/18	\$100.00	11/16/18
36	10/31/18	Demobilize Office Trailers	Complete	11/28/18	\$500.00	11/16/18
37	10/31/18	Demobilize Sea Container	Complete	11/13/18	\$500.00	11/16/18
38	10/31/18	Demobilize Liotta Rolloff	Complete	11/12/18	\$500.00	11/16/18
39	10/31/18	Topsoil and seed beneath South Lawn Area Fence Posts	Complete	11/13/18	\$560.00	11/16/18
40	10/31/18	Demobilize Skid Steer Loader	Complete	11/09/18	\$70.00	11/16/18
41	10/31/18	Submit Project Closeout Documentation	Incomplete		\$760.00	11/16/18
42	10/31/18	Restore Office Trailer Area	Incomplete		\$140.00	11/16/18
43	10/31/18	Trim Foliage in NYSDEC Fenced-In Enclosure	Complete	11/05/18	\$140.00	11/16/18
44	10/31/18	Submit October 2018 Vibration Monitoring Reports	Incomplete		\$500.00	11/28/18

45	10/31/18	Submit Restoration Work Plan	Complete	11/28/18	\$95.00	11/16/18
46	10/31/18	Condense Capstan Court Brick Planter Boxes	Complete	11/05/18	\$560.00	11/16/18
47	10/31/18	Install Sod at Island CAP 4A	Complete	11/01/18	\$20.00	11/16/18
48	10/31/18	Install sod behind Planter Box COV 3	Complete	11/01/18	\$20.00	11/16/18
49	10/31/18	Install solar caps on fence around Yard 10	Complete	11/02/18	\$70.00	11/16/18
50	10/31/18	Raise fence post at Yard 24	Complete	11/05/18	\$140.00	11/16/18
51	10/31/18	Collect loose garbage and debris on Cove Court, Capstan Court, and Riviera Court	Incomplete		\$560.00	11/16/18
52	10/31/18	Add asphalt pavers to gap in North Lawn Area Walkway	Complete	11/12/18	\$140.00	11/16/18
53	10/31/18	Mow lawn and trim trees to the north and east of the North Lawn Area Walkway	Complete	11/14/18	\$560.00	11/16/18
54	10/31/18	Cut stumps outside the western end of the South Lawn Area flush	Complete	11/07/18	\$280.00	11/16/18
55	10/31/18	Repair fence at northwestern corner of South Lawn Area	Complete	11/09/18	\$280.00	11/16/18
56	10/31/18	Add topsoil to Sweetbay Magnolia Tree near boulders at Building 1	Complete	11/01/18	\$140.00	11/16/18
57	10/31/18	Clean out western gap in North Lawn Area Walkway	Complete	11/12/18	\$70.00	11/16/18
58	10/31/18	Place Honey Locusts along the Condo 3 side of the 6 ft. fence in the South Lawn Area	Complete	11/05/18	\$70.00	11/16/18
59	10/31/18	Repair Wellheads in Islands COV 1 and CAP 9	Complete	11/07/18	\$140.00	11/16/18
			<b>Subtotal Costs</b>		\$54,813.00	
			<b>Times 2 per Contract Conditions</b>		\$109,626.00	
			<b>Total Outstanding Work</b>		<b>\$109,626.00</b>	