

Saranac Lake Gas Co.Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, April 19, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #1 Minutes (Final)

SIGN IN

- J Mike Mason, NYSDEC - Project Manager (PM)*
- J Sarah Saucier, NYSDEC – PM*
- J Russ Huyck, NYSDEC – Remediation Engineer*
- J Kris Keenan, NYSDEC – Construction Inspector*
- J Will Lindheimer, Land Remediation, Inc. (LAND) – Project Manager
- J Keith Decker, LAND - Project Director
- J Lisa Gorton, LAND – Assistant Project Manager
- J Matt Warren, LAND – Assistant Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Minda Murray, LAND – Health and Safety Manager
- J Steve Valentine, CIH (representing LAND)
- J Ken Rhodes, Partners Environmental – Site Safety Officer
- J Jim Bowman, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Inspector
- J Mark Peters, MACTEC – Remediation Engineer*
- J Tom Gerhard, MACTEC – Project Engineer*
- J Mark Stelmack, MACTEC– PM*

* attended via telephone

PREVIOUS MEETING MINUTES

There were no comments on the minutes of the Pre-Construction Meeting; those minutes are considered final.

ACTION ITEM UPDATE

Contractor

- J A list of subcontractors, contact information, and VRQs has been provided
- J The M/WBE office will be contacted to determine due date for 1st report
- J CAP No. 1 to be submitted week of April 23
- J DOL Dispensation Request is ongoing
- J Preparation of PCO No. 1 and PCO No. 2 is ongoing
- J Lease agreement arrangements with former restaurant is ongoing
- J Revised transportation plan to exclude use of Pine St. is ready to submit to Engineer
- J Cost-loaded schedule was submitted to NYSDEC on 4/6/18.

Engineer

-) Updated project contact list has been distributed
-) Email invitations for recurring bi-weekly progress meetings have been sent
-) ASR Foreman to be contracted for railroad corridor notifications
-) Response to Contractor questions regarding laboratory method for Chromium has been provided
-) Response to RFI #1 (analytical requirements for construction water discharge to Lake Flower) is being prepared

NYSDEC

-) NYSDOT has been contacted for clarification on railroad safety training (online course will be sufficient)

SCHEDULE

A prior two-week summary of work completed and a two-week preview of work to be conducted was provided by LAND (see **Attachment 1**).

ADMINISTRATIVE ITEMS

1. **Submittals Status** (see **Attachment 2** – updated submittal log)
Approval of Submittal 002 Construction Work Plan and Submittal 006 Sampling Plan is awaiting completion of the ongoing discussion regarding treated construction water discharge to Lake Flower.
2. **Request for Information Status**
Engineer response to RFI #1 is awaiting completion of the ongoing discussion regarding construction water discharge to Lake Flower.
3. **Field Order Status**
There have been no Field Orders to date.
4. **Contract / Proposed Change Orders**
LAND continues to prepare PCO #1 (lease of the former restaurant and related items) and PCO #2 (installation of portions of the Village sanitary sewer) as details of the additional work become available.
5. **Substitutions**
There have been no Substitutions to date.
6. **CAP No. 1**
CAP No. 1 is scheduled to be submitted week of April 23.
7. **Online railroad worker safety training**
LAND and MACTEC are aware of online safety training requirement and will comply.
8. **ARPS notification (OU02)**
MACTEC will contact the railroad foreman to begin discussion for notification requirements.
9. **Other**
LAND confirmed its schedule to begin work at OU02 first of June.

HEALTH and SAFETY

LAND provided a daily summary of project-related health and safety activities for the week of April 9 (see **Attachment 3**); Ms. Murray reported that there have been no project-related H&S issues to date.

REGULATORY and ENVIRONMENTAL ITEMS (e.g., permits, spills)

1. Requirements for treated water discharge to Lake Flower stated in the April 16 Permit Equivalency memo issued by NYSDEC DOW will be captured in RFI #1.

2. The NYSDOT permit for village sewer installation can be pursued once details of the sewer design are finalized by AES Northeast. NYSDEC submitted MACTEC review comments on AES's latest schematic design along with a request for AutoCAD design drawings to AES this week. The need for a meeting with the Village and other stakeholders to discuss roles and responsibilities for LAND's portion of the sewer installation was noted.
3. Construction of the temporary fabric structure by LAND has been approved by the Village.

REMEDIAL ACTION

1. **OU03 Mobilization/Field Office (lease of former restaurant) Status**
Lease is expected to be signed by May 1; parking of boat trailers can begin soon thereafter. Village police are expected to keep an eye on the building/parking lot and associated vehicle/pedestrian traffic.
2. **Pre-characterization Sampling/Analysis**
Lake sediment sampling analysis is scheduled to be conducted in May.
3. **Site survey**
LAND has so far found no discrepancies with the remedial design survey, and noted that the Village has assisted with identifying underground utilities in the work area. Lake bathymetry survey will be conducted when the ice is out. Recent modifications to water level at downstream dam has aided in alleviating the current ice-in condition.
4. **Privacy screen at Lake Flower Inn**
As requested by the motel owner, a fence will be erected soon at the location of the removed cedar trees; the fence will include a privacy screen, and the posts will likely be driven to prevent blow down during high winds.
5. **Application of Aqua-block**
LAND asked if the decision to apply Aqua-block at areas in Pontiac Bay where wedge of MGP waste may remain near shoreline will be based on visual inspection or laboratory analysis. MACTEC will review data from the Remedial Investigation and report back to the team.

INTERACTION with THE COMMUNITY

1. **Planned overnight activities**
It was noted that LAND's generator used for powering the ice melting unit can continue run overnight, as its noise level is not considered to be a nuisance.
2. **Comments from public (*noise, boat launch parking*)**
A few complaints from the public regarding noise and diesel exhaust have been addressed satisfactorily, and requests to refrain from personal vehicle parking at the boat launch have been received well by the public so far.

OPEN DISCUSSION

It was announced by LAND that Ms. Gorton would be leaving the project in a few weeks, and that Mr. Warren would be transitioning into and eventually assuming Assistant PM role.

NEW ACTION ITEMS

1. LAND will continue preparation of PCO #1 and PCO #2.
2. LAND will submit CAP No. 1.
3. LAND and MACTEC personnel will conduct online railroad safety training.
4. MACTEC will contact the ARPS foreman to begin discussion for notification requirements.
5. MACTEC will review data from the Remedial Investigation for LAND's question regarding Aqua-block application.

6. MACTEC will provide response to RFI #1.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 2 (teleconference) is scheduled for Thursday May 3, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

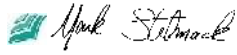
The meeting adjourned at approximately 11:20 AM.

These minutes shall stand as correct unless corrections are submitted to the Engineer in advance of the next scheduled progress meeting.

Submitted by: Mark Stelmack, MACTEC

Dated 5/04/18

Signed:

A handwritten signature in blue ink, appearing to read "Mark Stelmack", is written over a small, light blue rectangular stamp.

Attachment 1

Summary of Previous and Near-Term Work Items

Progress Meeting No. 1 (4-19-2018)

Upcoming Activities Pending :

- LAND**
Remediation, Inc.
an environmental services company

Attachment 2

Contractor Submittal Log



MACTEC Engineering and Consulting, P.C.
Shipping Address: 511 Congress Street, Portland, Maine 04101
Postal Address: P.O. Box 7050, Portland, Maine 04112
Telephone: (207) 775-5401 Facsimile: (207) 772-4762

SUMMARY OF CONTRACTOR SUBMITTALS

Project:	Saranac Lake Gas Company	Project Location:	OU02 Brandy Brook & OU03 Pontiac Bay, Saranac Lake, NY
Client:	NYSDEC	NYSDEC Site No.:	516008
Contractor:	Land Remediation, Inc.	MACTEC Project No.:	3611161193

Specification	Description of Submittal ²	Submittal Number	Date Received	Date Reviewed	MACTEC Reviewers	Action Code ^s	Date Returned	Returned Via
Section III, Article 5 b 001	Landfill Permits	1	1/31/2018	2/9/2018	MAP, MJS, JR	1	2/16/2018	email
11100	Construction Work Plan	2	1/31/2018	2/15/2018	MAP, MJS, JR	3	2/19/2018	email
		002A	3/1/2018	3/5/2018	MAP, MJS	3	3/9/2018	email
		002B	3/31/2018	4/24/2018	MJS, MAP, JW	3	4/24/2018	email
		002C	4/27/2018	5/1/2018	MJS, TNG	3	5/1/2018	email
		002D						
11100	Preliminary Schedule	3	1/31/2018	2/15/2018	MJS, MAP	3	2/16/2018	email
		003A	4/16/2018	4/20/2018	MJS	1	5/1/2018	email
Section III, Article 5 b 001	Health and Safety Plan	4	1/31/2018	2/13/2018	ARM, MJS	3	2/19/2018	email
		004A	3/6/2018	3/12/2018	AM	3	3/13/2018	email
		004B	3/24/2018	3/26/2018	AM, TG	1	3/26/2018	email
312500	Stormwater Pollution Prevention Plan	5	1/31/2018	2/15/2018	MAP	3	2/27/2018	email
		005A	3/1/2018	3/7/2018	MAP	1	3/9/2018	email
Section III, Article 5 b 001	Sampling Plan	6	1/31/2018	2/8/2018	JAR, MJS	3	2/19/2018	email
		006A	4/17/2018	4/24/2018	MJS, JR	3	4/24/2018	email
		006B	4/27/2018	5/1/2018	JAR	1	5/2/2018	email
Section III, Article 5 b 007	Statement of Surety Intent	7	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 008	Pollution Liability Insurance Policy	8	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 009	LRI Project Experience	9	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 010	Proof of Insurance	10	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 011	Vendor Responsibility Certification	11	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Spec Section 01 57 23	Turbidity Barrier	12	3/5/2018	3/7/2018	MAP, JAR	3	3/7/2018	email
		012A	4/16/2018	4/19/2018	MJS, MAP, JR	2	4/19/2018	email
	Executed Agreement	13	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Performance and Payment Bond	14	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Schedule of Values	15	2/14/2018	3/20/2018	MP, MS	1	3/20/2018	email
	Certificate of Insurance	16						
	Owners and Contractors Protective (OCP) Liability Coverage	17	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	MWBE Waiver Form	18	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Substitute W-9 Forms	19	Not Required - MWBE Plan Accepted/Approved by NYSDEC					
2	Name and location of Precaster; Precaster Product Data/Shop Drawings for Precast Units; Certification of design loading; and Manufacturer's Product Data on manhole frames, covers, and grates	20						
3	Real time air monitoring results	21						
3	Documentation air monitoring results	22						
11100	Daily Activity Report	23						
13113	Subcontractor List	24	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
13113	New York State Vendor Responsibility Questionnaire	25	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
13113	Project Schedule Status Reports	26						
13113	Project Schedule Updates	27						
13553	Security firm experience and personnel resumes	28	NOT BEING USED BASED ON MEANS AND METHODS					
13553	Electronic of Site Security log and watchman logs	29	NOT BEING USED BASED ON MEANS AND METHODS					
13553	Electronic copy of Interim Site Security logs and watchman logs	30	NOT BEING USED BASED ON MEANS AND METHODS					
14100	Copies of approved permits	31						
14500	CONTRACTOR Quality Control (CQC) Plan	32	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
14500	Quality Assurance Project Plan	33	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
14500	Weekly CQC Reports, Test Reports, Deficiency Reports, and/or Project Summaries	34						
14528	Sampling and Analysis Reports	35						
14528	Sampling locations	36						
15428	Manufacturer's data for the truck scale, weight indicator, and ticket printer	37	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Shop drawings for the proposed truck scale location and installation including the layout of foundations, approaches, and instrumentation	38	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Printed weight tickets from on-site truck scale	39	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Local off-site certified truck scale with evidence of certification	40						
15526	Traffic Control Plan	41	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15725	Proposed sequence, equipment, and methods for the temporary tributary bypass system	42	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15725	Cofferdam design	43						
15725	Name of manufacturer of pipe material and pump	44						
15730	Marine Resuspension Control Plan	45	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15730	Marine resuspension inspection reporting	46						
17123	Alternative survey methods	47	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17123	Survey procedures	48	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17123	Results of the field verification survey and results of the comparison with the Construction Contract Drawings	49						
17123	Survey data in support of quantity measurements	50						
17123	Final as-built survey drawings in support of establishing Record Documents	51						
17417	Winter Inspection Plan	52						
17417	Manufacturer's data for new materials/products proposed as augmented/supplemental winter erosion and sediment controls not already submitted under Section 31 25 00 - Erosion and Sediment Control	53						
17417	Site Inspection Forms	54						
17417	Notification of erosion evidence	55						
17419	Means and methods for management of all waste materials removed or generated	56	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17419	Manufacturer's product data for geomembrane liner and cover	57	3/30/2018	4/2/2018	MP	1	4/3/2018	email
17800	Project record documents	58						

24113	Laboratory reports of analytical testing of generated waste	59						
25100	Proposed method(s) of decontamination procedures	60	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
25100	Decontamination Pad Shop Drawings	61						
25101	Form "A" – Summary of Green Remediation Metrics	62						
27200	Construction Water Management Plan	63	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
27200	Analytical test reports	64						
28100	Means and methods for transportation and disposal of all wastes	65	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
28100	Video record of existing and final conditions of haul roads	66						
28100	Sample Bill of Lading	67						
28100	Completed and signed Bill of Lading and Manifests for all transported waste loads	68						
28100	Certified weight slips for each load transported to the disposal facility	69						
28100	Weekly transportation reports	70						
310000	Borrow source information: •Name; and •Location	71	3/29/2018	4/2/2018	MP	2	4/3/2018	email
310000	Contractor's Quality Control Testing Laboratory(ies) information: •Name; and •Qualifications	72	3/29/2018	4/2/2018	MP	1	4/3/2018	email
310000	Soil and Stone Materials Borrow Source Test Reports - Geotechnical	73	3/29/2018	4/2/2018	MP	2 & 3	4/3/2018	email
		73A						
310000	Soil Fill and Backfill Materials Field Moisture/Density (Compaction) Test Reports	74						
310000	Analytical results for off-site Soil Fill and Backfill materials for Unrestricted Soil Cleanup Objectives as described in 6 NYCRR 375, Table 375-6.8(a)	75						
310000	Barrier/Demarcation Layer Manufacturer Product Data and recommended Installation Methods	76						
310150	Engineered shoring system design, signed and sealed by a New York licensed professional ENGINEER for informational purposes	77	5/1/2018					
310150	Vibration monitoring readings for the duration of the work	78						
310519	Geotextile Product Data	79	3/29/2018	4/2/2018	MP	1	4/3/2018	email
310519	Geotextile Manufacturer's Quality Control Certifications	80						
312319	Construction Water Management Plan (CWMP)	81	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
312500	Stormwater Pollution Prevention Plan (SWPPP).	82	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
312500	Manufacturer's Product Data for all erosion and sediment control products	83	3/30/2018	4/2/2018	MP	1	4/3/2018	email
313213	ISS Qualifications	84						
313213	ISS Work Plan	85	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
313213	Quality Control Plan	86	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
313213	Quality control data and ISS construction records	87						
321216	Job Mix Formula	88						
321216	Tack Coat/Joint Sealant on Tack Coat/Joint Sealant	89						
321216	Plant production monitoring/quality control data	90						
329226	Grass Seed Vendor's Certificate	91						
329226	Fertilizer Manufacturer's Product Data showing chemical analysis and percent composition	92						
329226	Hydraulic Seeding Method	93						
329300	Product Certificates	94						
329300	Qualification Data for Landscape Installer	95						
329300	Material Test Reports for imported topsoil	96						
329300	Planting Schedule	97						
329300	Plantings Maintenance Instructions	98						
330131	Proposed stormdrain system cleaning method	99	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
334213	Manufacturer's Product Data	100						
334213	Culvert Fabrication Drawings	101						
334213	Record drawings of installed culverts	102						
350000	Dredge equipment Inspector Qualifications	103						
350000	Means and methods to appropriately mark, light, or make all in-water equipment visible to boat traffic	104						
350000	Means, methods, and proposed signage	105						
350000	Anchoring and Mooring Plan	106	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352023	Dredge Work Plan	107	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352023	Daily Activity Report of dredging activities	108						
352023	Submit updates to the Dredge Work Plan	109						
352023	Surveys: Pre-dredging debris, interim dredge, and final post-dredge	110						
352030	Dredged Material Management and Processing Plan	111	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352050	Dredge Backfill Plan	112	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352050	Daily Activity Report of dredge area backfill activities	113						
352050	Final dredged area backfill survey	114						
	Temporary Fabric Structure Design Package	115	4/3/2018	4/5/2018	MP	1	4/6/2018	email

- Notes:**
- 1.Submittals required in accordance with Contract Documents for Saranac Lake Gas Company, Site No. 516008, Contract No. D010663, Saranac Lake, Essex County, New York dated November 2017 (as amended).
 - 2.Description of submittal is a brief synopsis; refer to the Contract Documents for more information.
 - 3.The Contractor is responsible for all submittals indicated on the Contract Documents, whether listed in this table or not.
 - 4.If there is a discrepancy between this table and the Contract Documents, the Contract Documents shall take precedence.
 5. Action Code Key:

1 = Approved
2 = Approved as Noted
3 = Resubmit with Revisions
4 = Disapproved
5 = Not Subject to Approval

Attachment 3

Contractor Health and Safety Activities Daily Summary



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (04/09/2018)

Land Remediation Work Description: Repair Movax, Organize Site, National Fence onsite to install temp fencing, Continue sheet pile installation at temporary bulkhead.

Daily Safety Meeting Topic: Cold Stress (temps in the teens); slips, trips and falls due to icy conditions, Pinch Points while working with tools and excavator and moving material around site. Beware of contractors on site. Referenced Sheet Pile HASP.

Daily Safety Observation: National Rent a fence contractor was utilizing pneumatic post driver, did not have whip checks on hose, LRI supplied several for the contractor to use.

Tuesday (04/10/2018)

Land Remediation Work Description: Continue Sheet Piling, 3 deliveries from vendors, Finalize fencing and privacy screen.

Daily Safety Meeting Topic: Slips, trips, and falls, Noise exposure associated with Sheet Piling (wear hearing protection), Cold Stress due to cold temperatures. Referenced sheet pile JSA.

Daily Safety Observation: Delivery driver had proper PPE, when showing up at site to deliver stone.

Wednesday (04/11/2018)

Land Remediation Work Description: Construct Decon Pad, Install turbidity curtain, and drive piles. Complete access road for deliveries. DEC representatives on site (Mike Mason, Sarah Saucier, Kris Keenan)

Daily Safety Meeting Topic: Exposure to lake/ice water (use float coat and buddy system), Uneven walking/working surfaces (ensure holes and trip hazards are filled or mitigated), heavy equipment use (maintain eye contact), Wind/Rain in the forecast dress appropriately. Material handling, don't lift/push/pull outside of your capabilities.

Daily Safety Observation: Saw LRI employees wearing proper PPE while working within 10 feet of lake.

Thursday (04/12/2018)

Land Remediation Work Description: Continue to drive piles and plates, deliveries from Constantine (crane mats/plates), Grading along TFS footprint, prep for 800 deliveries. SY Kim surveyors on site.

Daily Safety Meeting Topic: Falls from Manlift (proper PPE, don't overload), Cold Stress (freezing rain in the forecast), Caught in between (lots of machines working in a tight space, watch out for blind spots), Electrical hazards, ensure we are aware which circuits are live (OU1&OU3).

Daily Safety Observation: Proper spotter use for offload of delivery, the load was heavy and awkward in shape and effective spotter use, helped for safe unloading.

Friday (04/13/2018)

Land Remediation Work Description: Continue pile driving, mobilize and unload LB 800 body, continue grading, 3 loads of crusher run delivery. DEC on site (Kris Keenan) SY Kim surveyors on site.

Daily Safety Meeting Topic: Complacency due to upcoming weekend (stay focused and work together), Fall from heights using the manlift and ladders (wear fall protection), Caught in between (maintain eye contact with operator give machines their space).

Daily Safety Observation: Watch welding leads while working near water and pile driving, make sure they are in proper working conditions.

Saturday (04/14/2018) & Sunday (04/15/2018) No site work conducted.

Saranac Lake Gas Co.Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, May 3, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #2 Minutes

FINAL

SIGN IN

- J Sarah Saucier, NYSDEC – Project Manager (PM)
- J Russ Huyck, NYSDEC – Remediation Engineer*
- J Keith Decker, Land Remediation, Inc. (LAND) – Project Director*
- J Lisa Gorton, LAND – Assistant Project Manager
- J Matt Warren, LAND – Assistant Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Minda Murray, LAND – Health and Safety Manager
- J Jake Leverett, LAND – Engineer Trainee
- J Jim Bowman, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Inspector
- J Mark Peters, MACTEC – Remediation Engineer*
- J Tom Gerhard, MACTEC – Project Engineer*
- J Jason Raimondi, MACTEC – Project Engineer*
- J Mark Stelmack, MACTEC– PM*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 1 (revised from the draft issue to include Steve Valentine-CIH as attendee) were distributed on May 7.

ACTION ITEM UPDATE

Contractor

1. Preparation of PCO #1 (former restaurant building lease and signage) is underway. PCO #2 (village sanitary sewer installation) will be prepared when details of the sewer design/installation are known.
2. CAP No. 1 has been reviewed by MACTEC and will be submitted online by LAND to DEC.
3. LAND and MACTEC personnel will conduct online railroad safety training.
4. The Pontiac Bay bathymetric survey has been completed and will be submitted to the Engineer.

Engineer

1. MACTEC contacted the ARPS foreman (John Norton) for notification requirements. ARPS requests: (1) one-week notification prior to working in the railroad corridor, and (2) reference to the work area using railroad mile markers.
Note: It has been determined by LAND/MACTEC that mile markers cannot be located. Instead, we could offer ARPS a location referencing one or more of the following:

- i. Coordinates
- ii. Closest Utility Pole #'s or,
- iii. Applicable Road/ Railroad Intersections
2. MACTEC reviewed data from the Remedial Investigation for LAND's question regarding Aqua-block application in Pontiac Bay. The RI doesn't provide the data needed. RFI #2 (distributed on May 4) has been prepared to address sediment sampling relative to application of the barrier/demarcation layer.
3. MACTEC provided response to RFI #1 (analytical requirements for construction water discharge to Lake Flower /DOW memo).

SCHEDULE

A prior two-week summary of work completed and a two-week preview of work to be conducted was provided by LAND (see **Attachment 1**).

ADMINISTRATIVE ITEMS

1. **Submittals Status** (see **Attachment 2** – updated submittal log)
Contractor submittals and Engineer responses are up to date.
2. **Request for Information Status**
Engineer has responded to RFI #1 (construction water discharge to Lake Flower). Response to RFI #2 (application of the barrier/demarcation layer in Pontiac Bay) was distributed on May 4.
3. **Field Order Status**
There have been no Field Orders to date.
4. **Contract / Proposed Change Orders**
LAND continues to prepare PCO #1 (lease of the former restaurant and related items).
PCO #2 (installation of portions of the Village sanitary sewer) will be prepared as details of the additional work become available. A meeting to be attended by NYSDEC, MACTEC, and the Village and its engineer (AES Northeast) is scheduled for May 15.
5. **Substitutions**
There have been no Substitutions to date.
6. **CAP No. 1**
CAP No. 1 has been approved by the Engineer and will be submitted by LAND to NYSDEC.
7. **Online railroad worker safety training**
LAND and MACTEC are aware of online safety training requirement and will comply.
Note: MACTEC inspector Jim Bowman took the online course recently. It took approximately 2 to 3 hours. A \$25 fee (payable by credit card) is required, as well as submittal of a personal photo which is affixed to the card provided when the course is successfully completed.
8. **ARPS notification (OU02)**
MACTEC has contacted the railroad foreman – see **Action Item Update** section (Engineer Item #1).

HEALTH and SAFETY

LAND provided a daily summary of project-related health and safety activities for the weeks of April 16 and April 23 (see **Attachment 3**); Ms. Murray reported that there have been no project-related H&S issues to date.

REGULATORY and ENVIRONMENTAL ITEMS (e.g., permits, spills)

1. Requirements for treated water discharge to Lake Flower stated in the April 16 Permit Equivalency memo issued by NYSDEC DOW is captured in RFI #1.
2. The NYSDOT permit for village sewer installation will be pursued once details of the sewer design are finalized by AES Northeast.

3. Construction of the temporary fabric structure on Saturday/Sunday May 12/13 has been approved by the Village Code Enforcement Officer.

REMEDIAL ACTION

1. OU03 Mobilization/Field Office (lease of former restaurant) Status

Lease has been signed and building is being used by LAND for field office; parking of boat trailers is scheduled to begin on May 14.

2. Pre-characterization Sampling/Analysis

Lake sediment sampling/analysis to satisfy disposal facility requirement is scheduled to be conducted on May 8.

3. Privacy screen at Lake Flower Inn

A fence containing a privacy screen has been erected at the location of the removed cedar trees; the fence has been extended from that location to the TFS area. The posts were driven to help prevent blow down during high winds.

4. Application of Aqua-block

RFI #2 directing LAND to conduct sampling related to application of barrier layer/demarcation was issued on May 4.

INTERACTION with THE COMMUNITY

1. Comments from public (*boat launch parking*)

A few complaints continue to be fielded from the public regarding vehicle and boat trailer parking restrictions at the boat launch, but in general the public appears to be accepting of the measures.

OPEN DISCUSSION

1. NYSDEC will issue press release to notify public that boat trailer parking will be allowed at the former Nonna Fina restaurant parking lot beginning May 14.
2. Municipal street sweepers creating significant air particulate issues are to be considered when reviewing CAMP data.
3. North Country Public Radio is currently airing a program containing a story on the cleanup at OU02 and OU03.
4. Personnel from LAND's work crew this week conducted a rescue via boat of a young person who had fallen out of his kayak into Pontiac Bay.
5. The owner of the Lake Flower Inn is reportedly satisfied with the privacy fence installed in that area.

NEW ACTION ITEMS

1. LAND will continue preparation of PCO #1 and PCO #2.
2. LAND will submit CAP No. 1.
3. LAND and MACTEC personnel will conduct online railroad safety training.
4. MACTEC will continue contact with the ARPS foreman for notification requirements.
5. NYSDEC will follow up with DOW regarding RFI #1 - analytical requirements for construction water discharge to Lake Flower and modification to discharge limit criteria (to 10 ug/L) for Fluorene.
6. NYSDEC and MACTEC will attend meeting on May 15 in NYSDEC's Warrensburg office to discuss LAND's installation of portions of the proposed Village sanitary sewer.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 3 (teleconference) is scheduled for Thursday May 17, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

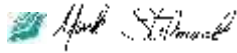
Progress Meeting No. 2 adjourned at approximately 11:15 AM.

These minutes shall stand as correct unless corrections are submitted to the Engineer in advance of the next scheduled progress meeting.

Submitted by: Mark Stelmack, MACTEC

Dated 5/08/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack", is written over a small, light blue rectangular stamp.

Attachment 1

Summary of Previous and Near-Term Work Items

Progress Meeting No. 1 (4-19-2018)

Upcoming Activities Pending :

2 Power Drop at OU3 Pending NGRID schedule.



Attachment 2

Contractor Submittal Log



MACTEC Engineering and Consulting, P.C.
Shipping Address: 511 Congress Street, Portland, Maine 04101
Postal Address: P.O. Box 7050, Portland, Maine 04112
Telephone: (207) 775-5401 Facsimile: (207) 772-4762

SUMMARY OF CONTRACTOR SUBMITTALS

Project:	Saranac Lake Gas Company	Project Location:	OU02 Brandy Brook & OU03 Pontiac Bay, Saranac Lake, NY
Client:	NYSDEC	NYSDEC Site No.:	516008
Contractor:	Land Remediation, Inc.	MACTEC Project No.:	3611161193

Specification	Description of Submittal ²	Submittal Number	Date Received	Date Reviewed	MACTEC Reviewers	Action Code ^s	Date Returned	Returned Via
Section III, Article 5 b 001	Landfill Permits	1	1/31/2018	2/9/2018	MAP, MJS, JR	1	2/16/2018	email
11100	Construction Work Plan	2	1/31/2018	2/15/2018	MAP, MJS, JR	3	2/19/2018	email
		002A	3/1/2018	3/5/2018	MAP, MJS	3	3/9/2018	email
		002B	3/31/2018	4/24/2018	MJS, MAP, JW	3	4/24/2018	email
		002C	4/27/2018	5/1/2018	MJS, TNG	3	5/1/2018	email
		002D						
11100	Preliminary Schedule	3	1/31/2018	2/15/2018	MJS, MAP	3	2/16/2018	email
		003A	4/16/2018	4/20/2018	MJS	1	5/1/2018	email
Section III, Article 5 b 001	Health and Safety Plan	4	1/31/2018	2/13/2018	ARM, MJS	3	2/19/2018	email
		004A	3/6/2018	3/12/2018	AM	3	3/13/2018	email
		004B	3/24/2018	3/26/2018	AM, TG	1	3/26/2018	email
312500	Stormwater Pollution Prevention Plan	5	1/31/2018	2/15/2018	MAP	3	2/27/2018	email
		005A	3/1/2018	3/7/2018	MAP	1	3/9/2018	email
Section III, Article 5 b 001	Sampling Plan	6	1/31/2018	2/8/2018	JAR, MJS	3	2/19/2018	email
		006A	4/17/2018	4/24/2018	MJS, JR	3	4/24/2018	email
		006B	4/27/2018	5/1/2018	JAR	1	5/2/2018	email
Section III, Article 5 b 007	Statement of Surety Intent	7	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 008	Pollution Liability Insurance Policy	8	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 009	LRI Project Experience	9	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 010	Proof of Insurance	10	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Section III, Article 5 b 011	Vendor Responsibility Certification	11	1/31/2018	3/5/2018	N/A	NYSDEC Approved	3/9/2018	email
Spec Section 01 57 23	Turbidity Barrier	12	3/5/2018	3/7/2018	MAP, JAR	3	3/7/2018	email
		012A	4/16/2018	4/19/2018	MJS, MAP, JR	2	4/19/2018	email
	Executed Agreement	13	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Performance and Payment Bond	14	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Schedule of Values	15	2/14/2018	3/20/2018	MP, MS	1	3/20/2018	email
	Certificate of Insurance	16						
	Owners and Contractors Protective (OCP) Liability Coverage	17	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	MWBE Waiver Form	18	2/14/2018	3/9/2018	N/A	NYSDEC Approved	3/16/2018	email
	Substitute W-9 Forms	19	Not Required - MWBE Plan Accepted/Approved by NYSDEC					
2	Name and location of Precaster; Precaster Product Data/Shop Drawings for Precast Units; Certification of design loading; and Manufacturer's Product Data on manhole frames, covers, and grates	20						
3	Real time air monitoring results	21						
3	Documentation air monitoring results	22						
11100	Daily Activity Report	23						
13113	Subcontractor List	24	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
13113	New York State Vendor Responsibility Questionnaire	25	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
13113	Project Schedule Status Reports	26						
13113	Project Schedule Updates	27						
13553	Security firm experience and personnel resumes	28	NOT BEING USED BASED ON MEANS AND METHODS					
13553	Electronic of Site Security log and watchman logs	29	NOT BEING USED BASED ON MEANS AND METHODS					
13553	Electronic copy of Interim Site Security logs and watchman logs	30	NOT BEING USED BASED ON MEANS AND METHODS					
14100	Copies of approved permits	31						
14500	CONTRACTOR Quality Control (CQC) Plan	32	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
14500	Quality Assurance Project Plan	33	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
14500	Weekly CQC Reports, Test Reports, Deficiency Reports, and/or Project Summaries	34						
14528	Sampling and Analysis Reports	35						
14528	Sampling locations	36						
15428	Manufacturer's data for the truck scale, weight indicator, and ticket printer	37	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Shop drawings for the proposed truck scale location and installation including the layout of foundations, approaches, and instrumentation	38	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Printed weight tickets from on-site truck scale	39	NOT BEING USED BASED ON MEANS AND METHODS					
15428	Local off-site certified truck scale with evidence of certification	40						
15526	Traffic Control Plan	41	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15725	Proposed sequence, equipment, and methods for the temporary tributary bypass system	42	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15725	Cofferdam design	43						
15725	Name of manufacturer of pipe material and pump	44						
15730	Marine Resuspension Control Plan	45	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
15730	Marine resuspension inspection reporting	46						
17123	Alternative survey methods	47	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17123	Survey procedures	48	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17123	Results of the field verification survey and results of the comparison with the Construction Contract Drawings	49						
17123	Survey data in support of quantity measurements	50						
17123	Final as-built survey drawings in support of establishing Record Documents	51						
17417	Winter Inspection Plan	52						
17417	Manufacturer's data for new materials/products proposed as augmented/supplemental winter erosion and sediment controls not already submitted under Section 31 25 00 - Erosion and Sediment Control	53						
17417	Site Inspection Forms	54						
17417	Notification of erosion evidence	55						
17419	Means and methods for management of all waste materials removed or generated	56	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
17419	Manufacturer's product data for geomembrane liner and cover	57	3/30/2018	4/2/2018	MP	1	4/3/2018	email
17800	Project record documents	58						

24113	Laboratory reports of analytical testing of generated waste	59						
25100	Proposed method(s) of decontamination procedures	60	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
25100	Decontamination Pad Shop Drawings	61						
25101	Form "A" – Summary of Green Remediation Metrics	62						
27200	Construction Water Management Plan	63	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
27200	Analytical test reports	64						
28100	Means and methods for transportation and disposal of all wastes	65	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
28100	Video record of existing and final conditions of haul roads	66						
28100	Sample Bill of Lading	67						
28100	Completed and signed Bill of Lading and Manifests for all transported waste loads	68						
28100	Certified weight slips for each load transported to the disposal facility	69						
28100	Weekly transportation reports	70						
310000	Borrow source information: •Name; and •Location	71	3/29/2018	4/2/2018	MP	2	4/3/2018	email
310000	Contractor's Quality Control Testing Laboratory(ies) information: •Name; and •Qualifications	72	3/29/2018	4/2/2018	MP	1	4/3/2018	email
310000	Soil and Stone Materials Borrow Source Test Reports - Geotechnical	73	3/29/2018	4/2/2018	MP	2 & 3	4/3/2018	email
		73A						
310000	Soil Fill and Backfill Materials Field Moisture/Density (Compaction) Test Reports	74						
310000	Analytical results for off-site Soil Fill and Backfill materials for Unrestricted Soil Cleanup Objectives as described in 6 NYCRR 375, Table 375-6.8(a)	75						
310000	Barrier/Demarcation Layer Manufacturer Product Data and recommended Installation Methods	76						
310150	Engineered shoring system design, signed and sealed by a New York licensed professional ENGINEER for informational purposes	77	5/1/2018					
310150	Vibration monitoring readings for the duration of the work	78						
310519	Geotextile Product Data	79	3/29/2018	4/2/2018	MP	1	4/3/2018	email
310519	Geotextile Manufacturer's Quality Control Certifications	80						
312319	Construction Water Management Plan (CWMP)	81	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
312500	Stormwater Pollution Prevention Plan (SWPPP).	82	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
312500	Manufacturer's Product Data for all erosion and sediment control products	83	3/30/2018	4/2/2018	MP	1	4/3/2018	email
313213	ISS Qualifications	84						
313213	ISS Work Plan	85	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
313213	Quality Control Plan	86	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
313213	Quality control data and ISS construction records	87						
321216	Job Mix Formula	88						
321216	Tack Coat/Joint Sealant on Tack Coat/Joint Sealant	89						
321216	Plant production monitoring/quality control data	90						
329226	Grass Seed Vendor's Certificate	91						
329226	Fertilizer Manufacturer's Product Data showing chemical analysis and percent composition	92						
329226	Hydraulic Seeding Method	93						
329300	Product Certificates	94						
329300	Qualification Data for Landscape Installer	95						
329300	Material Test Reports for imported topsoil	96						
329300	Planting Schedule	97						
329300	Plantings Maintenance Instructions	98						
330131	Proposed stormdrain system cleaning method	99	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
334213	Manufacturer's Product Data	100						
334213	Culvert Fabrication Drawings	101						
334213	Record drawings of installed culverts	102						
350000	Dredge equipment Inspector Qualifications	103						
350000	Means and methods to appropriately mark, light, or make all in-water equipment visible to boat traffic	104						
350000	Means, methods, and proposed signage	105						
350000	Anchoring and Mooring Plan	106	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352023	Dredge Work Plan	107	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352023	Daily Activity Report of dredging activities	108						
352023	Submit updates to the Dredge Work Plan	109						
352023	Surveys: Pre-dredging debris, interim dredge, and final post-dredge	110						
352030	Dredged Material Management and Processing Plan	111	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352050	Dredge Backfill Plan	112	CONTAINED WITHIN CONSTRUCTION WORK PLAN					
352050	Daily Activity Report of dredge area backfill activities	113						
352050	Final dredged area backfill survey	114						
	Temporary Fabric Structure Design Package	115	4/3/2018	4/5/2018	MP	1	4/6/2018	email

- Notes:**
- 1.Submittals required in accordance with Contract Documents for Saranac Lake Gas Company, Site No. 516008, Contract No. D010663, Saranac Lake, Essex County, New York dated November 2017 (as amended).
 - 2.Description of submittal is a brief synopsis; refer to the Contract Documents for more information.
 - 3.The Contractor is responsible for all submittals indicated on the Contract Documents, whether listed in this table or not.
 - 4.If there is a discrepancy between this table and the Contract Documents, the Contract Documents shall take precedence.
 5. Action Code Key:

1 = Approved
2 = Approved as Noted
3 = Resubmit with Revisions
4 = Disapproved
5 = Not Subject to Approval

Attachment 3

Contractor Health and Safety Activities Daily Summary



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (04/16/2018)

Land Remediation Work Description: Crane to offload LB 800 components and assemble LB 800. Contractor Sales mechanics on site to assemble LB 800. Continue to install piles with Movax in water for building location. NYSDEC (Kris Keenan on site)

Daily Safety Meeting Topic: Crane work- Review the lift plan and conduct pre-lift meeting. Ice and wind gusts, ground surface covered with snow, snow removed prior to crane assembly. Working from trailer decks, elevated ladder work for attaching/detaching the rigging. Working near waters edge, wear float coats, work slow and cautiously. No rushing.

Daily Safety Observation: Observed aggregate delivery truck with oil leak entering the site. Truck asked to leave site and not return until leak fixed. Incidental sheen was cleaned up with sorbent pads immediately, <1 gallon estimated with no impact to adjacent waterway.

Tuesday (04/17/2018)

Land Remediation Work Description: Continue to assemble LB 800 stick and clamshell. Fix Movax with new part and attempt to drive piles in bay. Move soil and trailer to allow for room to grade for TFS. Contractor sales on site to finish LB 800 assembly.

Daily Safety Meeting Topic: Pinch points (caught in between while assembling LB 800, watch hand placement) Injury from power/hand tools, work carefully and together. Working near waters edge, float coats must be worn. Fall from heights working off ladders and machinery (watch foot placement, utilize belt-buckle rule, and ladder spotter).

Daily Safety Observation: During LB 800 assembly, crews worked together and used a tagline while moving parts with crane.

Wednesday (04/18/2018)

Land Remediation Work Description: Continue grading site for TFS up to temp bulkhead. Clean and organize the site. NYSDEC interview with North Country Radio. Conduct site walk with NYSDEC, to catch them up to speed. Moved soil and rock piles to new location. NYSDEC (Kris Keenan, Sarah Soucier, Mike Cruden, Russ Hyack on site for interview with reporter).

Daily Safety Meeting Topic: Uneven working/walking surfaces, site is very muddy. Moving material across site, heavy equipment operation (caught in between). Setting steel sheets using magnet, do not be under load, watch for swinging loads. Lack of communication, ensure site crew know the game plan.

Daily Safety Observation: Random pedestrian came on to site at the end of the shift and utilized port-o-john while no one was watching. Ethan noticed pedestrian and told them it was not a public bathroom and to please leave the site. Continue to be diligent of keeping public traffic out of the site during work hours.

Thursday (04/19/2018)

Land Remediation Work Description: Continue grading and setting base plates. Fill in pier with rip-rap. TFS install contractor (All-Site) on site to conduct site tour of site layout and assembly procedure. Project update meeting with LRI project management team. 11:30 meeting with local authorities (police, fire, paramedics, DPW, and supervisor).

Daily Safety Meeting Topic: 2 Inches of snow in the forecast, dress appropriately. Exposure to lake water (wear PPE/Float Coat). Fall protection use in manlift to prevent falls. Additional personnel on site (struck-by caught in between, watch for people in blind spots. New Kenco Barrier Clamp in use for concrete block picking, (review equipment specs for weight capacity and block dimension limitations prior to use, 100% PPE use)

Daily Safety Observation: When picking blocks from trailer, if block is in bad shape, leave on truck. Cracking can occur and create dangerous situation when picked.

Friday (04/20/2018)

Land Remediation Work Description: Continue grading to bulkhead and laying crane mats for LB 800. Continue to build sediment bins. Receive trucks and offload materials as necessary. Clear ice with LB 800 near bulkhead. Continue to set sheets. NYSDEC (Kris Keenan on site).

Daily Safety Meeting Topic: Slips, trips, and falls (360° awareness, watch your footing.) Injuries from complacency (ensure your head is in the game. Struck by (offloading of blocks, watch swing radius, stay clear until block has stopped moving.) LRI Scully Boat on site. Complete pre-boating inspection checklist prior to using the boat.

Daily Safety Observation: Proper spotter use while Finke truck was delivering loads of blocks on site.

Saturday (04/14/2018) & Sunday (04/15/2018) No site work conducted.



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (04/23/2018)

Land Remediation Work Description: Continue to build sediment bins, mobilize crane mats to pier and bulkhead. Clear ice from bay with 800. Prep site for crane mobilization.

Daily Safety Meeting Topic: New equipment on site (800 on site) be aware of swing radius and operation. Injury from rigging equipment (ensure proper practices are used). Struck-by (330 moving piles and mats and blocks, give space to load while operator sets in place.)

Daily Safety Observation: Crew attempted to lift sheets with magnet, but magnet and steel plate were frozen. Crew melted off ice from sheet to allow for proper usage.

Tuesday (04/24/2018)

Land Remediation Work Description: Continuing building bins with remaining blocks. Turbidity testing. Construct road through site to allow deliveries. Utilize boat to clear ice. Prep site for crane and barge delivery. Constantine delivery.

Daily Safety Meeting Topic: Direct exposure to UV rays (apply sunscreen, wear sunscreen, hydrate) Increased boat launch traffic, continue to patrol parking area. Struck-by (delivery offload, proper rigging) Cuts, scrapes from working with liner and poly (wear leather gloves). Falls (carefully climb over block wall, use ladder if necessary.)

Daily Safety Observation: Hydration is Key, drink plenty of water and apply necessary as needed.

Wednesday (04/25/2018)

Land Remediation Work Description: Welding activity continues. Finalize mats between bins. Fix 800 GPS system. Winn construction on site, assemble crane, mobilize on site and move to pier. Listen to competent crane personnel.

Daily Safety Meeting Topic: Exposure to falls (working on 800, crane, manlift, watch footing use ladder if necessary.) Fire prevention during welding (torching activity inspect fire extinguisher/ hot work permit). Prevent struck by during crane offloading use extreme caution during crane assembly. NEVER GO UNDER LOAD.

Daily Safety Observation: Several local vehicles entering boat launch and parking in unpermitted area. People complied with request to leave.

Thursday (04/26/2018)

Land Remediation Work Description: Finalize crane mobilization, receive and offload floats into bay with crane. Continue welding activity.

Daily Safety Meeting Topic: Slips, trips, and falls (watch footing). Cold exposure from combo of rain and wind (dress appropriately, take breaks). Prevent struck-by (crane offload, crane activity. Potential Injury from lack of communication (listen to Dave, make eye contact, use hand signals). Only essential personnel in work area near crane.

Daily Safety Observation: Proper PPE was used during welding activity, including proper eye protection, fire extinguisher in area and hot work permit filled out.

Friday (04/27/2018)

Land Remediation Work Description: Crane to pick remaining floats and spuds, put into place. Welding continues on piles, Mobilize materials on floats. If time permits, walk 330 onto floats.

Daily Safety Meeting Topic: Prevent falls from manlift (tie off, don't overload lift). Exposure to falls during transition from land to boat. Pinch points during assembly of floats (let tools do the work, right tools for the job, keep hand and feet clear). Recognize complacency and rushing (work slow and in control). Watch out for loader traffic in boat launch.

Daily Safety Observation: Spotter backing up truck containing 40 feet flexifloat noticed flat tire on trailer, drive returned to yard to fix issue.

Saturday (04/28/2018) & Sunday (04/29/2018) No site work conducted.

Saranac Lake Gas Co.Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, May 17, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #3 Minutes

FINAL

SIGN IN

- J Russ Huyck, New York State Department of Environmental Conservation (NYSDEC), Region 5 – Remediation Engineer*
- J Kris Keenan, NYSDEC – Construction Inspector*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Mike Evens, LAND – Project Superintendent, OU03
- J Minda Murray, LAND – Health and Safety Manager
- J Jake Leverett, LAND – Engineer Trainee
- J Tyler Lewis, MACTEC Engineering and Consulting, PC (MACTEC) – Dredging Inspector
- J Mark Peters, MACTEC – Remediation Engineer*
- J Jason Raimondi, MACTEC – Project Engineer
- J Mark Stelmack, MACTEC– PM

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 2 (no revisions from the draft issue) will be distributed tomorrow (May 18).

ACTION ITEM UPDATE

Contractor

1. A draft of LAND's proposed costs for PCO #1(former restaurant building lease and signage) has been reviewed by MACTEC. LAND will prepare a formal revised cost summary for submittal to NYSDEC. Note: LAND submitted the cost summary to NYSDEC on Friday May 18.

PCO #2 (village sanitary sewer installation) will be prepared when details of the sewer design/installation are better known.

2. CAP No. 1 has been submitted online by LAND to NYSDEC.

Engineer

1. MACTEC contacted the Adirondack Railroad Preservation Society (ARPS) foreman John Norton with project location information. Next, ARPS will respond to MACTEC with mile marker information. With a few days' notice from MACTEC prior to OU02 project startup, ARPS will transfer responsibility for the work within the corridor to LAND for the duration of the project.

NYSDEC

1. NYSDEC has conveyed the modified water discharge permit (with discharge limit criteria of 10 ug/L for Fluorene) from DOW to LAND and to MACTEC.
2. A meeting was attended by NYSDEC and MACTEC at DEC's Warrensburg office on May 15 to discuss LAND's installation of portions of the proposed Village sanitary sewer. AES Northeast (Village's consulting engineer) is scheduled to provide LAND's scope of work (including drawings, specifications, and a narrative) by May 25.

SCHEDULE

A prior two-week summary of work completed and a two-week preview of work to be conducted, and complete schedule for OU03 was provided by LAND (see **Attachment 1**).

ADMINISTRATIVE ITEMS

1. Submittals Status

Contractor submittals and Engineer responses are up to date, with no significant change from the last progress meeting. MACTEC and LAND discussions regarding requirements for the Pontiac Bay bathymetric survey are ongoing.

2. Request for Information Status

MACTEC and LAND discussions related to RFI #1 (construction water discharge to Lake Flower) and RFI #2 (application of the barrier/demarcation layer in Pontiac Bay) including selection of the appropriate barrier layer product, are ongoing.

3. Field Order Status

There have been no Field Orders to date.

4. Contract / Proposed Change Orders

LAND submitted its cost proposal for PCO #1 (lease of the former restaurant and related items) to NYSDEC on Friday May 18.

PCO #2 (installation of portions of the Village sanitary sewer) will be prepared as details of the additional work scope become available. A meeting to discuss the work was attended by NYSDEC, MACTEC, Village's engineer (AES Northeast) was held on May 15.

5. Substitutions

There have been no Substitutions to date.

6. CAP No. 1

CAP No. 1 has been submitted by LAND to NYSDEC.

7. Online railroad worker safety training

LAND and MACTEC are aware of online safety training requirement and will comply.

MACTEC inspector Jim Bowman took the online course recently. It took approximately 2 to 3 hours. A \$25 fee (payable by credit card) is required, as well as submittal of a personal photo which is affixed to the card provided when the course is successfully completed.

HEALTH and SAFETY

LAND provided a daily summary of project-related health and safety activities for the weeks of April 30 and May 7 (see **Attachment 2**). Protection of construction crew and mitigation of impacts to the general public are an ongoing high priority.

REGULATORY and ENVIRONMENTAL ITEMS

1. Requirements for treated water discharge to Lake Flower stated in the April 16 Permit Equivalency memo issued by NYSDEC DOW is captured in RFI #1.
2. The NYSDOT permit for village sewer installation will be pursued once details of the sewer design are finalized by AES Northeast.

REMEDIAL ACTION

1. **Construction Water Treatment Facility status**
Installation of the treatment facility is scheduled to begin today or tomorrow.
2. **Pre-characterization Sampling/Analysis**
Lake sediment sampling/analysis to satisfy disposal facility requirements is ongoing. When completed, a report containing the results will be distributed by LAND.
3. **Odor mitigation capability status**
A Rusmar foam unit is onsite along with 11 drums of foam, available if needed.
4. **Bathymetry Survey**
The Pontiac Bay bathymetry survey is completed.
5. **OU02 Startup Schedule Status**
Commencement of work at OU02 is scheduled for June 4.
6. **Truck Scale Discussion.**
A plan submitted last week by MACTEC to LAND to use truck axle scales to establish a baseline for use in the event the commercial scale at Trudeau Sand and Gravel becomes inaccessible due to road paving later this summer was discussed.

INTERACTION with THE COMMUNITY

1. **Comments from public (*boat launch parking*)**
A few complaints continue to be fielded from the public regarding vehicle and boat trailer parking restrictions at the boat launch, but in general the public appears to be accepting of the measures.

OPEN DISCUSSION

1. LAND plans to conduct no work on Memorial Day, May 28.
2. A site tour to be attended by first responders/public safety officials will be scheduled by LAND. A topic of discussion during the tour will be impacts to the project from proposed July 4 activities including the possibility of a municipal fireworks display.

NEW ACTION ITEMS

1. LAND will provide a water treatment startup plan and O&M summary.
2. LAND will provide additional information for the sprung structure air handling system.
3. LAND will provide a response to the plan distributed by MACTEC on May 10 for use of truck axle scales to establish a baseline during the early stages of waste disposal trucking.
4. LAND personnel will conduct online railroad safety training.
5. MACTEC to provide details of the sanitary sewer installation to LAND when available.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 4 (teleconference) is scheduled for Thursday May 31, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

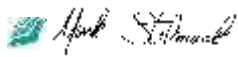
Progress Meeting No. 3 adjourned at approximately 10:55 AM.

These minutes shall stand as correct unless corrections are submitted to the Engineer in advance of the next scheduled progress meeting.

Submitted by: Mark Stelmack, MACTEC

Dated 5/21/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack", is written over a small, light blue rectangular stamp.

Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU03 Project Schedule

NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 3 (5-17-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks									
			MAY																																				
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa			
	OU3 - Site Preparation	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2			
20	Install Pin Piles (ext for Archs)																																						
21	Install Walers																																						
22	Load 330 on Dredge barge - remove far reaching sediment at unloading area																																						
23	Assemble mini Hoppers (2)																																						
24	Remove the 330 from Barge / Load the 800 on Barge																																						
25	Install Mooring Piles with crane																																						
26	TFS Mobilization and Installation																																						
27	Construct WWTP																																						
28	Install Air Handlers																																						
29	National Grid Pole installation																																						
30	Power Install																																						
31	Dredge Positioning Instrumentation - Measuretronics (installation)																																						
32	Waste Characterization Sampling																																						
33	Turbidity Curtain Deployment																																						
34	Assemble remaining MiniHopper																																						
35	Silo Installation																																						
36	Dredge Startup																																						
37	Production Dredge / Unloading																																						
38	Soil Loadout																																						
	OU2 - Support and Preparation																																						
1	No activities																																						

Upcoming Activities Pending :

1 OU-2 Mobilization

LAND Remediation, Inc.																																							
Schedule - Saranac Lake Gas Co. - OU3 Remediation																																							
ID		Task Name	Duration	Start	Finish	Predecessors	Resource Names																																
								3/11	3/18	3/25	April				May				June				July				August				September				October				Nov
								4/1	4/8	4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30	10/7	10/14	10/21	10/28	
1		NTP	1 day	Wed 3/21/18	Wed 3/21/18																																		
2		Facilities Mob	5 days	Mon 4/2/18	Fri 4/6/18																																		
3		Boat Launch Area Preparation	1.5 days	Mon 4/9/18	Tue 4/10/18	2																																	
4		OU3 Erosion Control	4 days	Mon 4/9/18	Thu 4/12/18	2																																	
5		OU3 Access Road	1.5 days	Tue 4/10/18	Wed 4/11/18	4SS+1 day																																	
6		OU3 Staging Area	3 days	Thu 4/19/18	Mon 4/23/18																																		
7		Decontamination Pads	3 days	Mon 4/16/18	Thu 4/19/18	6																																	
8		Sheet Pile Mob	1 day	Wed 4/11/18	Wed 4/11/18	7																																	
9		Turbidity Curtains	4 days	Thu 4/19/18	Wed 4/25/18	7																																	
10		Steel Sheet Pile for Bulkhead Install	3 days	Fri 4/6/18	Tue 4/10/18																																		
11		Link Belt 800	2 days	Mon 4/16/18	Tue 4/17/18																																		
12		Dredge for Barge Entry	3 days	Mon 4/23/18	Wed 4/25/18																																		
13		Dredging Platform Mob	6 days	Thu 4/26/18	Thu 5/3/18	12																																	
14		Install Piles and Frame	3 days	Mon 4/9/18	Wed 4/11/18																																		
15		Drip Apron Construction	4 days	Thu 4/12/18	Tue 4/17/18	14																																	
16		Structure Mob	1 day	Mon 5/7/18	Mon 5/7/18																																		
17		Construct TFS	9 days	Mon 5/7/18	Thu 5/17/18																																		
18		Mob Air Handling and Setup	2 days	Wed 5/16/18	Thu 5/17/18	17SS+7 days																																	
19		Link Belt 600	2 days	Fri 5/4/18	Mon 5/7/18	13																																	

Attachment 2

Contractor Health and Safety Activities Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (04/30/2018)

Land Remediation Work Description: Deploy turbidity, Load 330 excavator onto the platform. Start navigational dredging near shore, welding structures and drive piles to form the TFS platform. Receive miscellaneous deliveries.

Daily Safety Meeting Topic: Weather conditions (winter storm)-slippery conditions on boat surfaces and flat deck.

Daily Safety Observation: driving safe in snow, weather conditions can change drastically in the mountains.

Tuesday (05/1/2018)

Land Remediation Work Description: Continuing navigational dredging continue to drive piles, work on a 2nd sediment bin and miscellaneous deliveries.

Daily Safety Meeting Topic: keep roads level and clear, keep materials from shifting and possibility of falling. When boat is in use, tie off in two ties off points to steady the boat

Daily Safety Observation: make sure to wear harness when in man lift and wear life preservers when near water, Boats floors are slippery due to water.

Wednesday (05/2/2018)

Land Remediation Work Description: Welding activity continues. LRI continues to drive piles. Continue construction of 2nd sediment bin, deliveries to site (floats and equipment).

Daily Safety Meeting Topic: Barge-slip trips and falls. Keep platform clear and free. Watch your footing. Prevent fires from welding (torching activity inspect work area, have fire extinguisher or other means readily available/ complete hot work permit). Keep work zone roads clear and marked where potential hazards exist.

Daily Safety Observation: spotting for boats when they move the barges in place for heavy equipment.

Thursday (05/3/2018)

Land Remediation Work Description: Receive and offload floats into bay with crane. Continue welding activity and Finish 2nd sediment bin.

Daily Safety Meeting Topic: Traffic Control- on the street and in the work zone. Watch out for people and machinery make eye contact, slow down. Take control assess the situation- Land Flexi Float plan

Daily Safety Observation: crew of LRI rescued a teenage boy from the lake during the previous work day. His kayak tipped over then yelled for help. LRI crew members were on the work boat and raced to his aid. They collected the young man and his kayak and brought him to shore. The boy took off his shirt and warmed in the sun. The 3 teenagers then brought the young man home. None of the 3 teenagers had life preservers with them. Water temperature is extremely cold and PFDs are required by LRI employees and subs when working over water or within 10 feet of the water's edge.

Friday (05/4/2018)

Land Remediation Work Description: Crane to pick remaining floats and put into water. Welding continues on piles, housekeeping in work zone.

Daily Safety Meeting Topic: traffic control- multiple deliveries. Communication of all parties. Know where the material and where people are going. Keep lanes free and open for passage of public vehicles to and from.

Daily Safety Observation: Keeping the site clean and preventing spills. During equipment repairs crew put plastic down to collect any potential spillage. All oily and greasy rags and absorbent pads are picked up and disposed of properly.

Saturday (05/5/2018) & Sunday (05/6/2018) No site work conducted.



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (05/7/2018)

Land Remediation Work Description: Load out LB 330 excavator and Movax. Load dredge platform with LB 800 excavator and clam shell bucket. Weld structures and piles, driving in piles to form the platform.

Daily Safety Meeting Topic: Driving in sheet piles, Wear proper PPE at all times for the correct task

Daily Safety Observation: extra material over hangs over the bins. Slip hazard. Heavy equipment can rip and tear and get tangled up in tracks

Tuesday (05/8/2018)

Land Remediation Work Description: Delivery of mini hoppers. All Site (subcontractor) start to construct the arches for TFS. Waste characterization sediment sampling in bay. LB 800 excavator and support equipment set up on dredge barge. Continue welding TFS base plates and foundation.

Daily Safety Meeting Topic: Mini Hopper Lift Plan review. Watch swing radius of crane when working between the sediment containment bins. Communications between crews, communications between activities.

Daily Safety Observation: Make sure to wear harness and short lanyard in man lift. Continue to wear life preservers when near water. Barge and boat deck surfaces are slippery when wet.

Wednesday (05/9/2018)

Land Remediation Work Description: Welding for TFS foundation continues. All Site continue to work on constructing the arches for the TFS and pulling fabric for the section to be placed over the water. Assemble LB 600 material handler. Add additional 40 foot of boom to crane to have proper reach for lifting the TFS section over the water.

Daily Safety Meeting Topic: Wear proper PPE for correct task. Potential for falling material from TFS construction. Do not walk under man lift or materials when being set overhead. Make eye contact with laborers and operators who are constructing arches when moving through their work area.

Daily Safety Observation: Spotting for work boats when moving barges in place for heavy equipment.

Thursday (05/10/2018)

Land Remediation Work Description: Install permanent/remote turbidity buoys in the bay. Crane to lift constructed section of TFS onto foundation over water. Continue to construct TFS arches over land and use crane to lift arches into place. Arches pinned to base plates. Site housekeeping and conex box clean up.

Daily Safety Meeting Topic: Wearing fall protection and use of it properly.

Daily Safety Observation: When putting arches together watch for pinch points. Fork lift to proceed slowly from the lay down area through the parking lot when transporting materials. Ensure proper spread of fork lift tines. Pick at center of load, steady the loads so they are not bouncing around on forks.

Friday (05/11/2018)

Land Remediation Work Description: Crane to pick and set remaining floats into water. Crane to lift constructed section of TFS onto foundations over water. *Could not be completed yesterday due to high winds.* Continue to construct arches, lift, and pin to base plates over land. Deploy turbidity curtain.

Daily Safety Meeting Topic: falls and wearing harness and proper use equipment.

Daily Safety Observation: Stay in man lift at all times, worker left basket of man lift to perform work, he was spoken to and told to stay in the basket at all times.

Saturday (05/12/2018)

Land Remediation Work Description: All Site to pull fabric onto TFS arches. Site housekeeping.

Daily Safety Meeting Topic: Inspecting fall restraint equipment, inspecting fork lift and manlifts. Inspecting hand tools and small power tools. Repair or take out of service defective tools. Use GFCI on portable generator. Potential for sudden release of rope and pull bar from fabric when under load. Remain clear, position manlift away.

Daily Safety Observation: Heavy public use of boat launch being a sunny nice Saturday. Canoe race/regatta finish at the Flower Bay park. Do not allow public to use restaurant/office parking lot until Monday. Official Opening to public.

Sunday (05/12/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, May 31, 2018

Time: 10:00 AM

Location: Conference Call

Progress Meeting #4 Minutes

FINAL

SIGN IN

- J Mike Cruden, New York State Department of Environmental Conservation (NYSDEC) - Bureau Chief*
- J Sarah Saucier, NYSDEC - Project Manager (PM)*
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer*
- J Kris Keenan, NYSDEC – Construction Inspector*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Keith Decker, LAND – Project Director*
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Jake Leverett, LAND – Engineer Trainee
- J Cynthia Hernandez, MACTEC Engineering and Consulting, PC (MACTEC) – Dredging Inspector
- J Tyler Lewis, MACTEC – Dredging Inspector*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Jason Raimondi, MACTEC – Project Engineer*
- J Mark Stelmack, MACTEC– PM*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 3 (no revisions from the draft issue) will be distributed later today (May 31).

ACTION ITEM UPDATE

Contractor

1. LAND provided a water treatment startup plan and O&M summary that is being reviewed by MACTEC and NYSDEC.
2. LAND is continuing to monitor use of the sprung structure air handling system.
3. LAND has agreed to the plan for use of truck axle scales to establish a baseline during the early stages of waste disposal trucking.
4. LAND personnel will conduct online railroad safety training.

Engineer

1. MACTEC will provide details of the Village sanitary sewer installation to LAND when available.

SCHEDULE

A prior two-week summary of work completed and a two-week preview of work to be conducted, and complete schedule for OU03 was provided by LAND (see **Attachment 1**).

LAND expressed concerns regarding potential impacts to long term schedule posed by inability to dispose of waste at its preferred facility. Dredging will be suspended later this week, and resume when alternate disposal facility can be arranged. Bins in sprung structure are at capacity, as are the treated water holding vessels.

LAND is working to secure alternate disposal facility(s) and is anticipating that arrangements could be in place next week. Meanwhile, its small crew maintained onsite will initiate preliminary work at OU02.

ADMINISTRATIVE ITEMS

1. Submittals Status

Contractor submittals and Engineer responses are up to date. MACTEC and LAND discussions regarding requirements for the periodic Pontiac Bay bathymetric surveys are ongoing. Sediment characterization laboratory report submittals continue to be submitted.

2. Request for Information Status

MACTEC and LAND discussions related to RFI #1 (construction water discharge to Lake Flower) and RFI #2 (application of the barrier/demarcation layer in Pontiac Bay) including selection of the appropriate barrier layer product, are ongoing.

3. Contract / Proposed Change Orders

LAND is revising its cost proposal for PCO #1 (lease of the former restaurant and related items) to tailor costs to time and materials.

PCO #2 (installation of portions of the Village sanitary sewer) will be prepared as details of the additional work scope become available. A sewer design was submitted by the Village's engineer (AES Northeast) today to NYSDEC and MACTEC for review.

4. CAP No. 1

CAP No. 1 has been submitted by LAND to NYSDEC and is being processed for payment.

CAP No. 2 will be submitted by LAND in the next few days.

5. Setback from fireworks display

In response to a question posed by DEC Region 5 earlier this week, MACTEC will inquire as to the standard setback from a building (sprung structure at OU03) to the proposed Village July 4 fireworks display.

HEALTH and SAFETY

LAND provided a daily summary of project-related health and safety activities for the week of May 14 (see **Attachment 2**).

REGULATORY and ENVIRONMENTAL ITEMS

1. The NYSDOT permit for village sewer installation will be pursued once details of the sewer design are finalized by AES Northeast.

REMEDIAL ACTION

1. Construction Water Treatment Facility status

Installation of the treatment facility is complete; the initial batch of water has been treated, and laboratory results are being reviewed by MACTEC.

2. Pre-characterization Sampling/Analysis

Lake sediment sampling/analysis to satisfy disposal facility requirements is ongoing. When completed, a report containing the results will be distributed by LAND.

3. Odor mitigation capability status

There have been no reports or complaints from the public to date about odors. A Rusmar foam unit is onsite along with several drums of foam, available if needed.

4. OU02 Startup Schedule Status

Commencement of work at OU02 is scheduled for June 4. Given the pause in work at OU03 and its impact on scheduling of LAND's staff, only preparatory work is planned for OU02 next week.

INTERACTION with THE COMMUNITY

1. Comments from public (*boat launch parking*)

In general, the public appears to be accepting of the vehicle/boat trailer parking measures. Some owners have been leaving vehicles parked in the boat launch lot overnight with little or no subsequent impacts to ongoing work.

OPEN DISCUSSION

1. LAND and NYSDEC agreed to discuss and address concerns regarding cost and schedule impacts noted in the Schedule summary contained in these minutes.

NEW ACTION ITEMS

1. LAND, NYSDEC, and MACTEC will participate in a phone call on June 1 to discuss and address concerns regarding cost and schedule impacts.
2. LAND personnel will conduct online railroad safety training.
3. MACTEC will contact Village officials regarding appropriate fireworks setback.
4. MACTEC will provide LAND and NYSDEC with a copy of the approved NYSDOT permit to work in the railroad corridor during the OU02 work.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 5 (teleconference) is scheduled for Thursday June 14, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 4 adjourned at approximately 10:40 AM.

These minutes shall stand as correct unless corrections are submitted to the Engineer in advance of the next scheduled progress meeting.

Submitted by: Mark Stelmack, MACTEC

Dated 6/04/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack", is positioned to the right of the word "Signed:". The signature is written in a cursive, slightly slanted style.

Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU03 Project Schedule

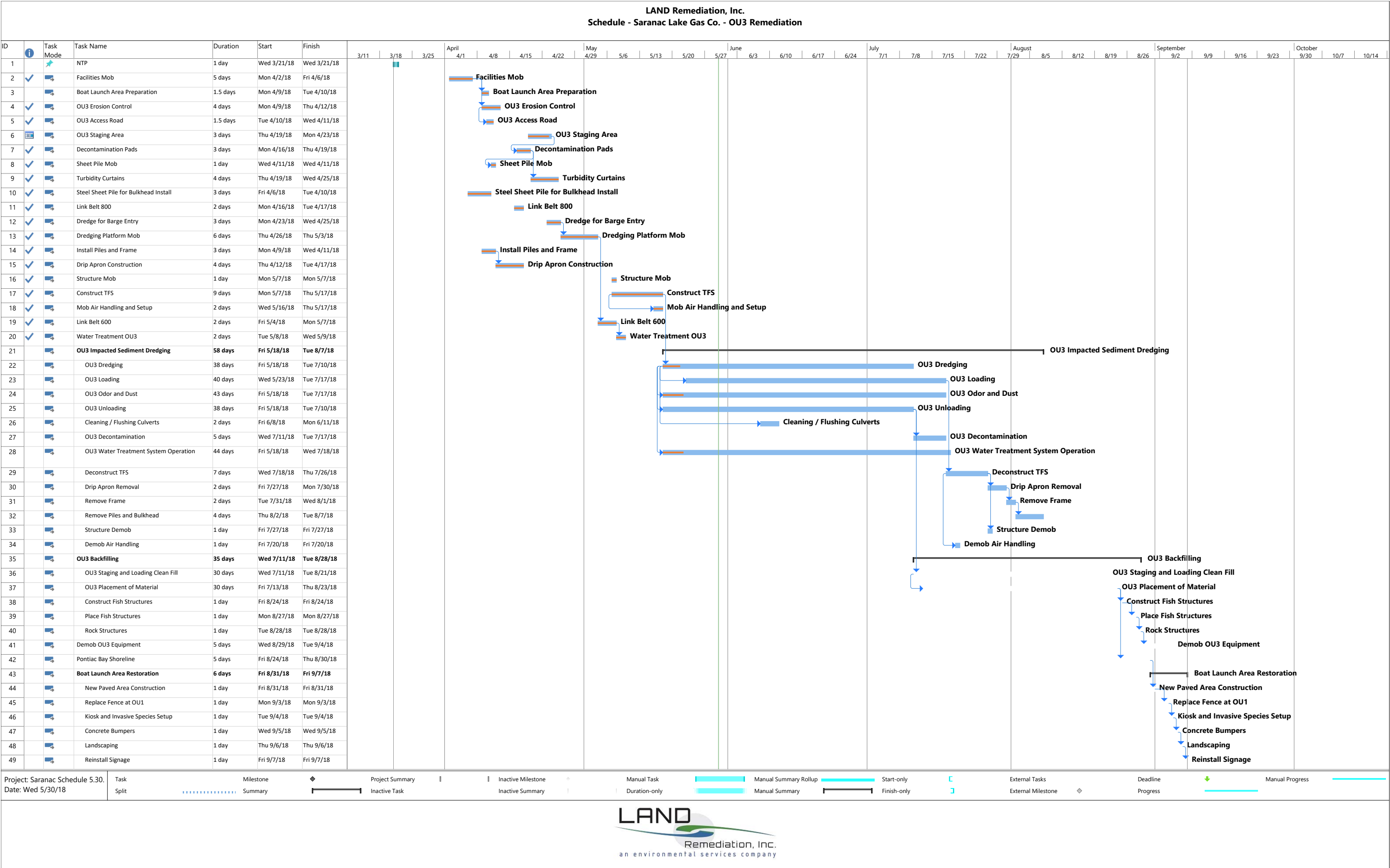
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 4 (5-31-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks								
		MAY														APRIL																						
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa		
	OU3 - Site Preparation	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		
26	TFS Mobilization and Installation																																					
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35	Silo Installation																																					
36	Dredge Startup																																					
37	Production Dredge / Unloading																																					
38	Soil Loadout																																					
	OU2 - Support and Preparation																																					
1	No activities																																					

Upcoming Activities Pending :

- 1 OU-2 Mobilization
- 2 OU-3 load-out and hauling



Attachment 2

Contractor Health and Safety Activities Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (05/14/2018)

Land Remediation Work Description: All-Site continues to build TFS, deliveries scheduled for the afternoon. Mobilize 800 and continue dredging. Conduct waste characterization profile sampling. Install turbidity curtain.

Daily Safety Meeting Topic: Falls from heights (All site crew, be diligent and don't drop materials or overload lift.) Exposure to UV rays wear sunscreen and protective clothing. Potential falls into water, wear PFD's, watch footing transitioning to and from boats and barges.

Daily Safety Observation: Reminder to keep keys on person always, so machinery and vehicles can be moved in a timely manner.

Tuesday (05/15/2018)

Land Remediation Work Description: Continue TFS construction, continue navigational dredging, electricians on site to run power to pole and run conduit from air handlers to LRI shed. Continue grading pedestrian path and put up new no parking signs.

Daily Safety Meeting Topic: Falls from heights, material falling from heights. Exposure to water (100% tie off and 100% PFD use.) Increased boat launch traffic. Check your blind spots while moving around the site and near boat launch. Spotter used when all vehicles are backing up.

Daily Safety Observation: Noticed rope used to pull poly for TFS had a fray in it. Poly was put into place and rope was removed from service.

Wednesday (05/16/2018)

Land Remediation Work Description: Place blocks onto TFS footing, All-site continues to construct TFS. Hot work beginning on constructing drip pans. Crane activity for picking and setting air handlers and auxiliary pieces. Review lift plan, prior to crane work, reporters on site with DEC for interview.

Daily Safety Meeting Topic: Pinch points setting blocks into place (watch swing radius), Burns from hot work, eye damage from glow. Caught in between during crane pick, DO NOT CROSS UNDERLOAD. Increased traffic on site and in the roadway while offloading materials with crane. Spotters and taglines must be used, flaggers present in both directions. Watch for traffic and pedestrians.

Daily Safety Observation: Hand tools in Conex box in bad location, could strike someone as they walk into box. Tools relocated.

Thursday (05/17/2018)

Land Remediation Work Description: Grade area for WWTP, setup up frack containment. National Grid on site to connect power and install meter. National grid to make power live. Garage doors for TFS to be fabricated and installed. Connect and setup air handlers and test functionality.

Daily Safety Meeting Topic: Material handling (cuts, abrasions, lacerations) from steel duct work, wear proper gloves and use partner to help maneuver awkward materials. Late work shift yesterday, (take your time work together and use 360 awareness.) Multiple contractors on site, communication is key.

Daily Safety Observation: Great communication during crane pick (fill in operator) as we maneuvered materials over fence from sidewalk.

Friday (05/18/2018)

Land Remediation Work Description: Finalize setup of air handlers, All-site to finish TFS today. Electricians on site to finish up conduit and final connections. Prep for WWTP setup and deliveries in the afternoon.

Daily Safety Meeting Topic: Injuries resulting from complacency, (take your time, 360-degree awareness). Electrical shock, electric going live today, treat everything as live. Struck by during offload of materials from trucks, (Stay clear of the load.)

Daily Safety Observation: Remove debris on ground to prevent slips, trips, and falls.

Saturday (05/19/2018) & Sunday (05/20/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, June 14, 2018

Time: 10:00 AM

Location: Conference Call

Progress Meeting #5 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Keith Decker, LAND – Project Director*
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Jake Leverett, LAND – Engineer Trainee
- J Cynthia Hernandez, MACTEC Engineering and Consulting, PC (MACTEC) – Dredging Inspector*
- J Tyler Lewis, MACTEC – Dredging Inspector*
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector
- J Jamie Welch, MACTEC – Project Engineer*
- J Mark Stelmack, MACTEC– PM*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 4 (no revisions from the draft issue) were distributed on June 15.

ACTION ITEM UPDATE

1. MACTEC contacted Village officials regarding appropriate fireworks setback and provided the information to DEC Region 5. The Village's fireworks vendor will implement appropriate setback.
2. MACTEC provided LAND and NYSDEC with a copy of the approved NYSDOT permit to work in the railroad corridor during the OU02 work.

SCHEDULE

A two-week lookback of work completed and a two-week preview of work to be conducted, and complete schedule for OU03 was provided by LAND (see **Attachment 1**).

LAND expressed concerns regarding potential impacts to long term schedule posed by inability to dispose of waste at its preferred facility and by protracted efforts being enacted to dewater/stabilize sediment for offsite disposal. Currently sediment is being disposed at the Clinton County landfill, while approval for supplemental disposal at Finch Pruyn landfill in Queensbury has been secured by LAND.

ADMINISTRATIVE ITEMS

1. Submittals Status

Contractor submittals and Engineer responses are up to date. LAND will provide a map showing location of certified scale at Trudeau Sand & Gravel (Submittal No. 40). MACTEC and LAND discussions regarding requirements for the periodic Pontiac Bay bathymetric surveys are ongoing.

2. Request for Information Status

RFI #1 was finalized with MACTEC's response dated 4/25/18 referencing the SPDES Permit Equivalent.

MACTEC and LAND discussions related to RFI #2 (application of the barrier/demarcation layer in Pontiac Bay including selection of the appropriate barrier layer product) are ongoing.

3. Contract / Proposed Change Orders

LAND is revising its cost proposal for PCO #1 (lease of the former restaurant and related items) to tailor costs to time and materials.

LAND has submitted PCO-2a containing costs for use of the Finch Pruyn disposal facility.

DEC/MACTEC have conducted a review and will provide comments.

PCO #3 (installation of portions of the Village sanitary sewer) will be prepared after LAND has completed its review of the sewer design submitted by the Village's engineer (AES Northeast).

4. CAP No. 2

CAP No. 2 has been submitted by LAND to NYSDEC and will be processed for payment.

5. Railroad Safety Training

Railroad safety training by LAND and its subcontractors relative to OU02 work in the railroad corridor is ongoing.

HEALTH and SAFETY

LAND continues to provide a daily summary of project-related health and safety activities; the latest summary is for the week of May 28 (see **Attachment 2**).

REGULATORY and ENVIRONMENTAL ITEMS

1. The NYSDOT permit for village sewer installation is being pursued. AES Northeast's design has been submitted to NYSDOT for review.
2. LAND has commenced discharge of treated OU03 construction water subsequent to providing required documentation and receiving appropriate approvals.

REMEDIAL ACTION

1. Loaded Truck Weight Tracking

Use of truck axle scales onsite is being implemented and recorded on the trucking logs prepared by LAND.

2. Public Road Traffic Flow

LAND reports that traffic on local public roads not overwhelming at this point, and that project-related trucks and other vehicles are not significantly impacting or being impacted by local traffic.

3. Dredged Material Processing

LAND's concerns with stabilization of dredged sediment will be discussed in detail with NYSDEC/MACTEC following the project meeting.

4. Construction Water Treatment

LAND is discussing with its water treatment vendor concerns regarding relatively high concentrations of lead (Pb) in influent construction water.

5. Propane Tank Relocation

In response to NYSDEC's request, Amerigas has emptied and removed its propane tanks at OU01 to an offsite location.

INTERACTION with THE COMMUNITY

Since the last progress meeting there have been no reported complaints from the public relative to project-related noise or odor.

Some owners have been leaving their vehicles parked in the boat launch lot overnight with little or no subsequent impacts to ongoing work.

OPEN DISCUSSION

LAND will be working Monday, Tuesday, Thursday, and Friday during the week of July 4.
LAND will have a representative present during the fireworks display on Wednesday July 4.

NEW ACTION ITEMS

1. LAND, NYSDEC, and MACTEC will convene following the progress meeting to discuss PCO #1 and PCO # 2a including ongoing sediment dewatering/stabilization efforts.
2. MACTEC will contact NYSDOT to inquire as to status of its review of the sanitary sewer design.
3. NYSDEC (Sarah) will contact DOW to inquire as to status of its review of the sanitary sewer design.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 6 (teleconference) is scheduled for Thursday June 28, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 5 adjourned at approximately 10:35 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 6/30/18

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU03 Project Schedule

NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 5 (6-14-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks								
		MAY							JUNE																													
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa		
	OU3 - Site Preparation	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
37	Production Dredge / Unloading																																					
38	Soil Loadout																																					
OU2 - Support and Preparation																																						
1	Culvert Cleaning																																					
2	Build additional Containment OU-2/ Continue Staging Area Prep																																					
3	Railroad Mat Road																																					
4	Wellpoint System Install																																					
5	Bypass System																																					

Upcoming Activities Pending :

3 well point system install

4 bypass system install

LAND Remediation, Inc.
Schedule - Saranac Lake Gas Co. - OU3 Remediation

ID	Task Mode	Task Name	Duration	Start	Finish				April				May				June				July				August				September				October						
						3/11	3/18	3/25	4/1	4/8	4/15	4/22	4/29	5/6	5/13	5/20	5/27	6/3	6/10	6/17	6/24	7/1	7/8	7/15	7/22	7/29	8/5	8/12	8/19	8/26	9/2	9/9	9/16	9/23	9/30	10/7	10/14		
1		NTP	1 day	Wed 3/21/18	Wed 3/21/18																																		
2		Facilities Mob	5 days	Mon 4/2/18	Fri 4/6/18																																		
3		Boat Launch Area Preparation	1.5 days	Mon 4/9/18	Tue 4/10/18																																		
4		OU3 Erosion Control	4 days	Mon 4/9/18	Thu 4/12/18																																		
5		OU3 Access Road	1.5 days	Tue 4/10/18	Wed 4/11/18																																		
6		OU3 Staging Area	3 days	Thu 4/19/18	Mon 4/23/18																																		
7		Decontamination Pads	3 days	Mon 4/16/18	Thu 4/19/18																																		
8		Sheet Pile Mob	1 day	Wed 4/11/18	Wed 4/11/18																																		
9		Turbidity Curtains	4 days	Thu 4/19/18	Wed 4/25/18																																		
10		Steel Sheet Pile for Bulkhead Install	3 days	Fri 4/6/18	Tue 4/10/18																																		
11		Link Belt 800	2 days	Mon 4/16/18	Tue 4/17/18																																		
12		Dredge for Barge Entry	3 days	Mon 4/23/18	Wed 4/25/18																																		
13		Dredging Platform Mob	6 days	Thu 4/26/18	Thu 5/3/18																																		
14		Install Piles and Frame	3 days	Mon 4/9/18	Wed 4/11/18																																		
15		Drip Apron Construction	4 days	Thu 4/12/18	Tue 4/17/18																																		
16		Structure Mob	1 day	Mon 5/7/18	Mon 5/7/18																																		
17		Construct TFS	9 days	Mon 5/7/18	Thu 5/17/18																																		
18		Mob Air Handling and Setup	2 days	Wed 5/16/18	Thu 5/17/18																																		
19		Link Belt 600	2 days	Fri 5/4/18	Mon 5/7/18																																		
20		Water Treatment OU3	2 days	Tue 5/8/18	Wed 5/9/18																																		
21		OU3 Impacted Sediment Dredging	58 days	Fri 5/18/18	Tue 8/7/18																																		
22		OU3 Dredging	38 days	Fri 5/18/18	Tue 7/10/18																																		
23		OU3 Loading	40 days	Wed 5/23/18	Tue 7/17/18																																		
24		OU3 Odor and Dust	43 days	Fri 5/18/18	Tue 7/17/18																																		
25		OU3 Unloading	38 days	Fri 5/18/18	Tue 7/10/18																																		
26		Cleaning / Flushing Culverts	2 days	Fri 6/8/18	Mon 6/11/18																																		
27		OU3 Decontamination	5 days	Wed 7/11/18	Tue 7/17/18																																		
28		OU3 Water Treatment System Operation	44 days	Fri 5/18/18	Wed 7/18/18																																		
29		Deconstruct TFS	7 days	Wed 7/18/18	Thu 7/26/18																																		
30		Drip Apron Removal	2 days	Fri 7/27/18	Mon 7/30/18																																		
31		Remove Frame	2 days	Tue 7/31/18	Wed 8/1/18																																		
32		Remove Piles and Bulkhead	4 days	Thu 8/2/18	Tue 8/7/18																																		
33		Structure Demob	1 day	Fri 7/27/18	Fri 7/27/18																																		
34		Demob Air Handling	1 day	Fri 7/20/18	Fri 7/20/18																																		
35		OU3 Backfilling	35 days	Wed 7/11/18	Tue 8/28/18																																		
36		OU3 Staging and Loading Clean Fill	30 days	Wed 7/11/18	Tue 8/21/18																																		
37		OU3 Placement of Material	30 days	Fri 7/13/18	Thu 8/23/18																																		
38		Construct Fish Structures	1 day	Fri 8/24/18	Fri 8/24/18																																		
39		Place Fish Structures	1 day	Mon 8/27/18	Mon 8/27/18																																		
40		Rock Structures	1 day	Tue 8/28/18	Tue 8/28/18																																		
41		Demob OU3 Equipment	5 days	Wed 8/29/18	Tue 9/4/18																																		
42		Pontiac Bay Shoreline	5 days	Fri 8/24/18	Thu 8/30/18																																		
43		Boat Launch Area Restoration	6 days	Fri 8/31/18	Fri 9/7/18																																		
44		New Paved Area Construction	1 day	Fri 8/31/18	Fri 8/31/18																																		
45		Replace Fence at OU1	1 day	Mon 9/3/18	Mon 9/3/18																																		
46		Kiosk and Invasive Species Setup	1 day	Tue 9/4/18	Tue 9/4/18																																		
47		Concrete Bumpers	1 day	Wed 9/5/18	Wed 9/5/18																																		
48		Landscaping	1 day	Thu 9/6/18	Thu 9/6/18																																		
49		Reinstall Signage	1 day	Fri 9/7/18	Fri 9/7/18																																		

Attachment 2

Contractor Health and Safety Activities Daily Summaries



**Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY**

Monday (05/28/2018)

Land Remediation Work Description: Site closed for Memoria Day.

Tuesday (05/29/2018)

Land Remediation Work Description: Started dewatering fill bins. Material handling in the fill bins. Received LKD delivery. Started treating water. Conducted air monitoring in the work zones.

Daily Safety Meeting Topic: Reviewed JSA – Obstruction removal - debris processing. Barriers needed and were set up at the load out bin in the TFS due to the pile being stacked high.

Daily Safety Observation: Reviewed the importance of wearing PPE onsite. Observed workers not wearing gloves, glasses and hi-vis reflective clothing.

Wednesday (05/30/2018)

Land Remediation Work Description: Continuing minimal dredging in 4ft cut, areas, half filled one scow until reaching capacity in bins. Fine tuning water treatment plant. Received a delivery of LKD. Continuing to treat water. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Toolbox talk topic was protecting your feet from hazards.

Daily Safety Observation: Handling pallets when picking up. Some of the pallets are broken and have exposed nails. Make sure the nails are hammered down. Always wear leather gloves. When a delivery of LKD is made, Land personnel working around the cement truck for long periods of time must have ear plugs in due to the high noise level.

Thursday (05/31/2018)

Land Remediation Work Description: Continued minimal dredging 4ft cut areas, finished filling the one available empty scow. Continued mixing and stacking material inside the TFS. SYK conducted bathymetric survey. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Reviewed SDS for calciment. Went over how to protect yourself, acute and chronic exposure symptoms and first aid measures.

Daily Safety Observation: Any worker operating the silo controls must have a mask to wear when filling the hopper. Due to dust drifting out from under the TFS wall. Deliveries made, nice job with truck spotting and traffic control.

Friday (06/1/2018)

Land Remediation Work Description: Received a delivery of LKD. Treated water for test samples. Stacked material in bins inside the TFS. Conducted air monitoring in work zones.

Daily Safety Meeting Topic: Conducted toolbox talk. The topic was hearing hazards. We went over some of the hearing hazards onsite. Handed out ear plugs.

Daily Safety Observation: Part of the fence barrier blew open due to a strong gust of wind. Need to better secure barrier fence with wire ties and sand bags.

Saturday (06/2/2018) & Sunday (06/3/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, June 28, 2018

Time: 9:00 AM

Location: Conference Call

Progress Meeting #6 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Mike Cruden, NYSDEC - Bureau Chief
- J Dave Harrington, NYSDEC - Section Chief
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Jake Leverett, LAND – Engineer Trainee
- J Tyler Lewis, MACTEC Engineering and Consulting, PC (MACTEC) – Dredging Inspector
- J Cynthia Hernandez, MACTEC – Dredging Inspector*
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector*
- J Mark Stelmack, MACTEC– PM
- J Corry Platt, MACTEC – Dredging Advisor
- J Bill Weber, MACTEC – Program Manager

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 5 (with revisions from the draft issue) were distributed on June 30.

ACTION ITEM UPDATE

1. LAND, NYSDEC, and MACTEC convened following the June 14 progress meeting to discuss PCO #1 and PCO # 2.
2. MACTEC contacted NYSDOT regarding status of its review of the sanitary sewer design. NYSDOT has issued permit approval.
3. NYSDEC will contact DOW to inquire as to status of its review of the sanitary sewer design.

SCHEDULE

A two-week lookback of work completed, a two-week preview of work to be conducted, and revised schedules for OU02 and for OU03 were provided by LAND (see **Attachment 1**). The OU03 schedule depicts an updated complete date for dredging activities based on anticipated production rates.

ADMINISTRATIVE ITEMS

1. Submittals Status

-) MACTEC requested that LAND submit information on use of vibration plate, Type III cement.
-) MACTEC requested a breakdown of materials shipped to OU1 versus materials shipped directly to the disposal facilities, and for summary of sediment additives (with results) used on the project to-date. This request was to include a matrix of assumptions and variables related to dewatering the sediments.
-) MACTEC requested that LAND submit information regarding the construction of the bins and the underlying transmissivity layer.
-) LAND submitted up to date subcontractor approval summary on June 27.
-) LAND will prepare an OU02 sheet pile installation submittal.

2. Request for Information Status

MACTEC and LAND discussions related to RFI #2 (application of the barrier/demarcation layer in Pontiac Bay including selection of the appropriate barrier layer product) are ongoing.

3. Contract / Proposed Change Orders

LAND is revising its cost proposal for PCO #1 (lease of the former restaurant and related items) to tailor costs to time and materials.

PCO #2: NYSDEC asked LAND to submit backup for trucking and for tipping fee associated with disposal at Franklin County landfill. The differing conditions portion of PCO #2 is to be discussed following this progress meeting and will be handled separately from PCO#2.

PCO #3 (installation of portions of the Village sanitary sewer) will be prepared after LAND has completed its review of the sewer design submitted by the Village's engineer (AES Northeast).

4. CAP No. 2

NYSDEC is reviewing the Health & Safety and Site Services portion of CAP No. 2 submitted by LAND.

5. Railroad Safety Training

Railroad safety training by LAND and its subcontractors relative to OU02 work in the railroad corridor is ongoing.

HEALTH and SAFETY

Bill Carpenter provided an overview of ongoing H&S activities being conducted by LAND including early-day tailgate meetings.

REGULATORY and ENVIRONMENTAL ITEMS

1. The NYSDOT has issued a permit addendum for the portion of the village sewer installation to be conducted by LAND.
2. LAND will resume discharge of treated OU03 construction water subsequent to providing required documentation of satisfactory treatment following its installation of new clarifier.

REMEDIAL ACTION

Problematic nuisance issues were discussed: sheens outside containment, puffs outside the TFS, leaking trucks, landfill rejections, etc. These are concerns that NYSDEC as the regulator holds third parties to applicable laws and regulations.

Note: Not discussed but inferred in the Contract: Additional incidences of these issues will result in NYSDEC withholding site services or health and safety payments.

-) LAND intends to terminate its plan to use Quicklime due to ineffective results
-) LAND is reluctant to use auger to mix amendment with the sediment. Testing of a vibratory earth compactor is planned.
-) Reports of leaking trucks carrying processed sediment have stopped.
-) LAND will inspect the turbidity curtain that was moved as a result of its response to a sheen observed beyond the limits of the curtain near the Lake Flower Inn property.
-) LAND is awaiting laboratory results of its first sample collected following addition of the clarifier.
-) LAND commented on its ongoing sediment processing activities, including:
 - o hauling sediment to OU01, creating an expanded stockpile for processing
 - o pre-mixing small amounts of additive with sediment in the scow to maximize use of staging area/mixing bins
-) MACTEC suggested the following actions for sediment processing to achieve adequate quality for offsite disposal acceptance:
 - o do not continually mix the material; mix, let it set for a few hours, mix again, etc.
 - o develop a means to consistently measure % of additive being used.
-) LAND commented on its ongoing sediment dewatering activities, including:
 - o pumping free-standing water from the scows directly to a dewatering bag inside a sealed roll-off container
 - o pumping of water from the staging area/mixing bins directly to the water treatment system
-) MACTEC suggested the following actions for dewatering sediment:
 - o use of geotubes (hydraulic transfer of sediment to dewatering bags)
 - LAND referenced the lack of space available that is needed for bag fields, and that the material does not drain well
 - o scow sump backwash
 - Following the meeting, LAND stated they would also try this as part of the overnight low flow pumping test
 - o use of low-flow pumping to better match sediment drainage flow
 - LAND discussed the time vs. sediment storage space relation and that pumping techniques can be developed to dewater any material given enough time but the need to move material from the TFS daily to create space makes the time needed for low flow pumping problematic
 - o overnight low-flow pumping
 - LAND stated that based on the experience with the poorly draining properties of the sediment that the volume of water low flow pumping would yield would most likely have little effect, but stated after the meeting that it would be attempted
 - o fill scows with sediment overnight
 - LAND stated that this is being done

INTERACTION with THE COMMUNITY

MACTEC inspector will monitor near the motels twice daily to ensure there are no issues.

OPEN DISCUSSION

NYSDEC will reach out to Village Manager relative to July 4 fireworks to request information related to the vendor and insurance coverage.

LAND will reach out to the Village fire department relative to the July 4 fireworks.

NEW ACTION ITEMS

- J MACTEC will review LAND's new OU03 schedule.
- J NYSDEC approved subcontractors Corbett Industrial and Constantine Trucking on June 29.
- J NYSDEC will continue its review of CAP #2.
- J MACTEC requested that LAND submit information on use of vibration plate, Type III cement.
- J LAND will submit a breakdown of materials shipped to OU01 versus materials shipped directly to the disposal facilities
- J LAND will submit a summary of sediment additives (with results) used on the project to-date including a matrix of assumptions and variables related to dewatering the sediments.
- J LAND will submit information regarding the construction of the bins and the underlying transmissivity layer.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 7 (teleconference) is scheduled for Thursday July 12 28, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 6 adjourned at approximately 10:35 AM.

These minutes shall stand as correct unless corrections are submitted to the Engineer in advance of the next scheduled progress meeting.

Submitted by: Mark Stelmack, MACTEC

Dated 7/12/18

Signed: 

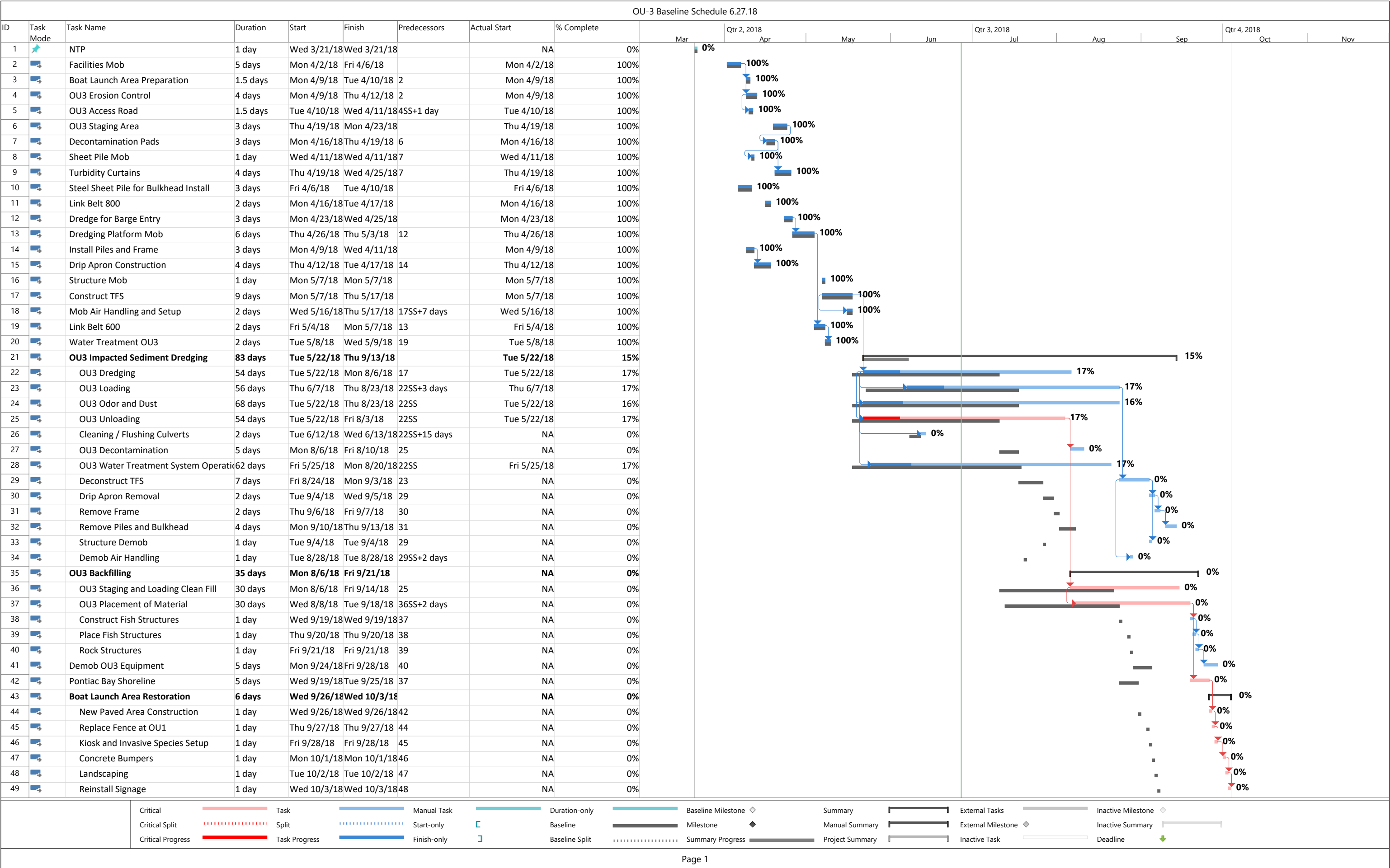
Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

LAND Remediation, Inc.					
Schedule - Saranac Lake Gas Co. - OU2 and OU3 Remediation					
Proprietary and Confidential					
ID	Task Name	Duration	Start	Finish	Predecessors
1	OU2 Work	112 days	Mon 6/4/18	Tue 11/6/18	
2	Mob Equipment for OU2	2 days	Mon 6/4/18	Tue 6/5/18	
3	OU2 Erosion Control	2 days	Wed 6/6/18	Thu 6/7/18	2
4	Clearing	3 days	Fri 6/8/18	Tue 6/12/18	3
5	OU2 Access Road	1 day	Wed 6/6/18	Wed 6/6/18	2
6	OU2 Staging Area	10 days	Thu 6/7/18	Wed 6/20/18	5
7	OU-3 Material Management	60 days	Thu 6/21/18	Wed 9/12/18	6
8	Rail Access Roadway	5 days	Mon 7/9/18	Fri 7/13/18	
9	Setup Bypass	5 days	Mon 7/23/18	Fri 7/27/18	8FS+5 days
10	Diversion System Operation	60 days	Mon 7/30/18	Fri 10/19/18	9
11	Water Treatment OU2	18 days	Thu 6/7/18	Mon 7/2/18	6SS
12	Electric for dewatering, WWTP, Bypass	2 days	Tue 7/3/18	Wed 7/4/18	11
13	Treatment System Startup	5 days	Thu 7/5/18	Wed 7/11/18	12
14	OU2 Water Treatment System Operation	80 days	Thu 7/5/18	Wed 10/24/18	13SS
15	Dewatering Well Point System Installation	15 days	Mon 7/9/18	Fri 7/27/18	
16	Dewatering Well Point Operation	60 days	Mon 7/30/18	Fri 10/19/18	15
17	OU2 Sediment Excavation and Restoration	56 days	Wed 8/1/18	Wed 10/17/18	
18	OU2 Excavation of Soil/Sediment	28 days	Wed 8/1/18	Fri 9/7/18	16SS+2 days
19	OU2 Sediment Processing	28 days	Wed 8/1/18	Fri 9/7/18	18SS
20	OU2 Odor and Dust	28 days	Wed 8/1/18	Fri 9/7/18	18SS
21	Steel Sheet pile for OU2	3 days	Mon 8/6/18	Wed 8/8/18	10SS+5 days
22	Sheet Pile Demob	1 day	Thu 8/9/18	Thu 8/9/18	21
23	Staging and Loading (20 half days)	28 days	Wed 8/8/18	Fri 9/14/18	19SS+5 days
24	Demolition Culverts and Driveways	1 day	Wed 8/22/18	Wed 8/22/18	18SS+15 days
25	Placement of Soil	20 days	Wed 8/15/18	Tue 9/11/18	18SS+10 days
26	Aqua Blok	2 days	Wed 8/29/18	Thu 8/30/18	25SS+10 days
27	Cutting Steel Pile	1.5 days	Wed 9/12/18	Thu 9/13/18	25
28	Box Culverts	4 days	Wed 9/12/18	Mon 9/17/18	25
29	OU2 Restoration	26 days	Wed 9/12/18	Wed 10/17/18	
30	Install Stream Bed Material	7 days	Wed 9/12/18	Thu 9/20/18	25
31	Fiber Rolls	8 days	Fri 9/21/18	Tue 10/2/18	30
32	Topsoil	5 days	Wed 10/3/18	Tue 10/9/18	31
33	Erosion Control Matting	2 days	Wed 10/10/18	Thu 10/11/18	32
34	Boulders	1 day	Fri 10/12/18	Fri 10/12/18	33
35	Install Soil Choked Rocks	2 days	Mon 10/15/18	Tue 10/16/18	34
36	Log Cribbing and Log Diverter	1 day	Wed 10/17/18	Wed 10/17/18	35
37	Upland Area Restoration	14 days	Thu 10/18/18	Tue 11/6/18	
38	Remove Rail Access	3 days	Thu 10/18/18	Mon 10/22/18	36
39	Remove Installed Facilities	6 days	Tue 10/23/18	Tue 10/30/18	38
40	Topsoil and Seeding	3 days	Wed 10/31/18	Fri 11/2/18	39
41	Decon Treatment Systems	4 days	Thu 10/25/18	Tue 10/30/18	14
42	Demob OU2 Equipment	2 days	Mon 11/5/18	Tue 11/6/18	40
43	ISS	21 days	Mon 10/1/18	Mon 10/29/18	
44	Mob of ISS	2 days	Mon 10/1/18	Tue 10/2/18	
45	Pilot Test	2 days	Wed 10/3/18	Thu 10/4/18	44
46	Overburden Excavation	6 days	Fri 10/5/18	Fri 10/12/18	45
47	ISS	6 days	Mon 10/15/18	Mon 10/22/18	46
48	Cut ISS Swell	1 day	Tue 10/23/18	Tue 10/23/18	47
49	Backfill ISS Area	2 days	Wed 10/24/18	Thu 10/25/18	48
50	Demob Facilities	2 days	Fri 10/26/18	Mon 10/29/18	49



NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 5 (6-14-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks													
		JUNE																														July											
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa							
	OU3 - Dredging	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14							
37	Production Dredge / Unloading																																										
38	Soil Loadout																																										
	OU2 - Support and Preparation																																										
1	Culvert Cleaning																																										
2	Build additional Containment OU-2/ Continue Staging Area Prep																																										
3	OU-1 Sediment Receiving																																										
4	Railroad Mat Road																																										
5	Wellpoint System Install																																										
6	OU-3 Electric																																										
7	Bypass System Set -up																																										
8	Water Treatment Plant Installation/ Start up																																										
9	Water Treatment Plant Operation																																										

Upcoming Activities Pending :

3 bypass system install

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, July 12, 2018

Time: 10:00 AM

Location: Conference Call

Progress Meeting #7 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer*
- J Mike Cruden, NYSDEC - Bureau Chief
- J Dave Harrington, NYSDEC - Section Chief
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Minda Murray, LAND – Health and Safety Manager
- J Keith Decker, LAND – Project Director*
- J Matt Pugh, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Manager
- J Tyler Lewis, MACTEC – Dredging Inspector*
- J Olivia Platia, MACTEC – Dredging Inspector
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector*
- J Mark Stelmack, MACTEC– PM*
- J Corry Platt, MACTEC – Dredging Advisor*
- J Bill Weber, MACTEC – Program Manager*
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 6 (incorporating comments on the draft issues) were distributed on July 12.

ACTION ITEM UPDATE

1. MACTEC is reviewing LAND's latest OU03 schedule. Need some additional dredging parameters to assist in review and will request those from LAND.
2. LAND CAP #2 – Issues with Site Services and Health and Safety pay items are being negotiated.
3. MACTEC requested, received, and reviewed information on vibration plate and Type III cement.
4. LAND submitted to MACTEC a breakdown of materials shipped to OU01 versus materials shipped directly to the disposal facilities.

5. LAND submitted a summary of sediment additives (with results) used on the project to-date that is being reviewed by MACTEC; this is discussed further below.
6. LAND submitted the requested information regarding the construction of the bins and the underlying transmissivity layer. The work plan indicated that the transmissivity layer “may” include a drainage layer, and construction included the drainage layer.

SCHEDULE

LAND provided updated schedules on July 11, 2018 (see **Attachment 1**).

Based on current and foreseeable production rates at OU03 of 280-300 cy/day (based on survey results), current end of dredge is scheduled for August 6, 2018. This may extend by a few days pending results of confirmation sampling. Some areas need to be re-cleared based on survey results and due to sloughing during dredging in other areas. Once LAND is confident about an area being ready for sampling, they will provide the associated survey data to the team to approve the area for sampling. May be able to start confirmation sampling as early as the end of next week.

Current activities at OU02 is primarily setting up for construction (placing mats, installing dewatering well points); expect to start excavating brook August 1, 2018.

ADMINISTRATIVE ITEMS

1. Submittals Status

-) OU-2: Submittal No.78 – vibration monitoring stations for sheet pile is due to MACTEC soon.
-) OU-2: LAND’s engineer is preparing a drawing/design for sheet pile along Brandy Brook for MACTEC’s review. The design package prepared by MACTEC includes a design for sheet pile; if there is deviation from the design drawing it will need to be reviewed by MACTEC. There may be some deviation due to locations of utility lines.
-) OU-3: MACTEC will provide a figure showing sampling locations to support the confirmation sampling.
-) OU-3: Marine Inspection reporting has been added to LAND’s daily report.
-) OU-3: BOL / Manifests should be provided to MACTEC weekly at a minimum. Would also be helpful if LAND can add daily totals and cumulative totals on its daily reports.
-) OU-3: Soil/Backfill Material – If there are to be changes from the specifications, MACTEC will need this soon for review/approval. This includes demarcation layer, for which LAND is preparing a submittal for an alternate reactive mat instead of Aquablock.
-) OU-3: Dredge Backfill Plan. If there is anything different from the construction work plan, this section should be re-submitted with revised means and methods.

2. Request for Information Status

-) MACTEC and LAND discussions related to RFI #2 (application of the barrier/demarcation layer in Pontiac Bay including selection of the appropriate barrier layer product) are ongoing. LAND suggest that if the additional investigation (every 30-foot sampling along the bank per the RFI) is required that MACTEC should do this. The investigation portion would be difficult, requiring specialty equipment to get the cores from a float. An alternate option would be to place the demarcation along the entire bank whether needed or not. Costs from LAND to place demarcation along the entire bank

were discussed, using Aquablock and the alternative demarcation (RCM) so a cost benefit analysis can be done. Sampling may be required first so that contamination left in place can be documented. Further discussions on this will be conducted Friday July 13.

- J) RFI #3 – Wooden Retaining Wall. MACTEC is working on a response to the RFI regarding the wooden retaining wall located on the village property along the northern shore line. MACTEC suggested to not touch the retaining wall and work around it, similar to conducting the work around the concrete wall on the south side of the dredge work that appears to be unstable.

3. Contract / Proposed Change Orders

PCO #1 (lease of the former restaurant and related items) – MACTEC sent LAND comments/questions regarding this PCO earlier in the week.

PCO #2: (alternative landfill/tipping fee) has been approved.

PCO #3 (installation of portions of the Village sanitary sewer). LAND is reviewing additional detail obtained to pull together a submittal for review. Expects to be working near this area mid to late August.

4. CAP No. 2

Letter will be going out in the next couple days with NYSDEC's position on Health & Safety and Site Services portion of CAP No. 2 submitted by LAND. Note: following the progress meeting, this issue is under negotiations, and plans for a position letter have been rescinded.

5. CAP No. 3

LAND expects to have this out by July 13, 2013 which will include certified weight tickets from the landfill for the month of June.

6. Railroad Safety Training

Received CSX training certificates from subcontractor currently doing prep work in the railroad corridor area. These certificates were approved as equivalent railroad safety training from the DOT. Personnel working in the area will required to have railroad safety training, and certificates will need to be provided.

7. River Logs

Museum and/or historical society have some interest in obtaining the logs/timbers that were removed from the lake during dredging. LAND will keep the logs off to the side for now, but no efforts will be made to cover them or keep them dry. They do need to be checked that they are not contaminated before being taken off-site.

HEALTH and SAFETY

LAND discussed reminders to keep in mind for people who aren't on site all the time: The site is narrow, visitors should stick together and shall have communications with operators to stop work if they need access to active areas. The material handling structure's doors are closed when actively mixing. Remember to sign-in and out. Site is level D PPE, there are extra PPE available if needed. If going to OU-1, stay off the path/road which is currently quite active with truck traffic moving/placing mats.

LAND's most recent summary of daily H&S activities is included as **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

1. Water Discharge – Not currently discharging. Additional discussions below under Remedial Action.

REMEDIAL ACTION

1. Water Treatment – Recent TSS and TDS results indicate that:
 -) Current surface water both in the lake and the brook exceed the TSS limit (32 and 19 mg/l each compared to 10 mg/l) but meet the TDS limit (44 and 120 mg/l each).
 -) The treatment plant influent water (first tank, no treatment yet) measures 35 mg/l and 410 mg/l for TSS and TDS respectively.

A new treated sample was collected today now that the carbon has been changed out, it will take 5 days to obtain results. The TSS should be improved with the new carbon, but this is unlikely to change the TDS. DOW will be asked to relax the TDS discharge limit to meet the Secondary Standards of 500 mg/l. BOD has also been inconsistent with some exceedances. This is likely due to the amount of organic material that is in the sediment. LAND has been discussing with its groundwater treatment subcontractor the possibility of adding aeration to help decrease the BOD, but it's unclear how helpful this will be. Currently, the site continues to treat and hold treated water while troubleshooting continues. If needed, LAND will bring in additional tanks for storage.
2. LRI's sediment additives summary is currently being reviewed by MACTEC. LAND will send out summary of percentages, amount sent off site, survey results, etc., to help the review process for the various mixing scenarios. Worthy of note: some of the LAND data are estimates/best judgement, as not everything is measured.
3. Current LRI additive/stabilization process. Using Type III Portland cement. 4-5 buckets is placed in a scow and mixed before placing on a pad in the sprung structure where it is further mixed. 2-3 scows of material fit on each pad there it sits overnight to further stabilize/drain. Next day it is stacked up and loaded/moved to OU-1 for an additional day of draining/stabilizing before shipping to a disposal facility. On occasion (weekends/holidays) the material will sit on a pad at OU-3 longer and shipped directly to disposal facility instead of going to OU-1 first.
4. Dewatering. The vibratory plate did not appear to help with dewatering. An additional 200-300 gallons of water per scow can be removed if water is pumped right away from the top of the scow and then slowly pumped as it sits and drains, versus pumping only as it drains. Using this method, a total of 1,200-1,300 gallons per scow can be generated.
5. Bathymetric survey updates. Current surveys show some areas requiring additional (cleaning) excavation to achieve target depth. Once LAND feels like they are ready to sample, the survey will be provided to MACTEC for review.
6. Sediment confirmation sampling. Additional discussion is required, need to have a plan in place by end of next week when LAND may be ready to start sampling. Confirmation samples should be composite samples made up of 3-5 discrete samples (locations to be provided by MACTEC). However, need to have discussions of what needs to be done if samples don't pass. For further discussion: Does the entire area undergo re-excavation, or run individual discrete samples.
7. Dredging Reporting – Clarifications on several items on LAND's and MACTEC's reports:
 -) Effective vs. non-effective hours are based on the operator's logs and use the Army Corps of Engineer's definitions to assign time accordingly. Non-effective time is different than lost time. Regardless of effective and non-effective time, the primary objective is to meet to the production rate of 280-300 CY/day.
 -) Regarding LAND's dredging figure in its daily Production Reports, the red areas are areas that are in progress (started but not yet meeting the final grade), blue areas are at required grade, green areas are slightly deeper than required grade.
 -) Regarding number of scows not matching up between LAND's daily report and MACTEC's daily report: LAND counts "scows offloaded" once they have been moved from OU-3 to OU-1 or off-site disposal; whereas MACTEC counts scows once the material has been removed from the lake and may still be in process.

-) MACTEC has an extensive tracking workbook for aspects of the project including dredging quantities, water treated and/or discharged, and downtime.; which can be provided to the Department.
 -) Turbidity results are from monitoring points outside the turbidity curtain. Monitoring points record real time. MACTEC obtains results from LAND and includes exceedances in its daily report, which to date have not been related to dredging activities.
- 8. OU02 Status – Prep work only at this point. Wellpoint installation, crane mats, expect to start excavation on August 1, 2018.
- 9. Culvert Cleaning / Inlet Protections

MACTEC and Land have been discussing items that can be done to control recontamination of culverts if they are cleaned prior to completion of brook cleanup. LAND has proposed control measures to be used including check dams and short hanging curtain. MACTEC also suggests a sandbag berm to collect water in the event of a large storm event to prevent flow downstream from active work area. MACTEC, LAND, and DEC will discuss further on July 13.

INTERACTION with THE COMMUNITY

No complaints have been received. Have had some community interaction, local residents are interested. No odors or sheens observed outside the work area.

Lake Flower Inn – Perimeter fence is up, they will be proceeding with their activities for demolition soon. LAND will watch that their activity will not impact its air monitoring stations. Working on an access agreement with the new property owners. If/when we enter during demolition we will sign-in/out.

OPEN DISCUSSION

It was requested to keep the NYSDEC PM more in the loop with MACTEC and LAND, especially regarding items that may result in RFI's. Invite NYSDEC to meetings/teleconferences when project topics are discussed.

NEW ACTION ITEMS

-) MACTEC to continue to review LAND's OU03 schedule, while it is noted that LAND now appears to have found increased success with dredging production rates and sediment/additive mixing results.
 -) LAND will provide a summary of additive percentages, amount sent off site, survey results, etc., to help the review process for the various mixing scenarios.
 -) Further discussion and agreement on sediment confirmation sampling will occur July 13, as well as RFI No.2 and means and methods for mitigation of sediment runoff from Brandy Brook during OU02 remedial action.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 8 (teleconference) is scheduled for Thursday July 26, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 7 adjourned at approximately 12:20 PM.

Submitted by: Mark Stelmack, MACTEC

Dated 7/30/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack". To the left of the signature is a small, rectangular, green and blue textured stamp or mark.

Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

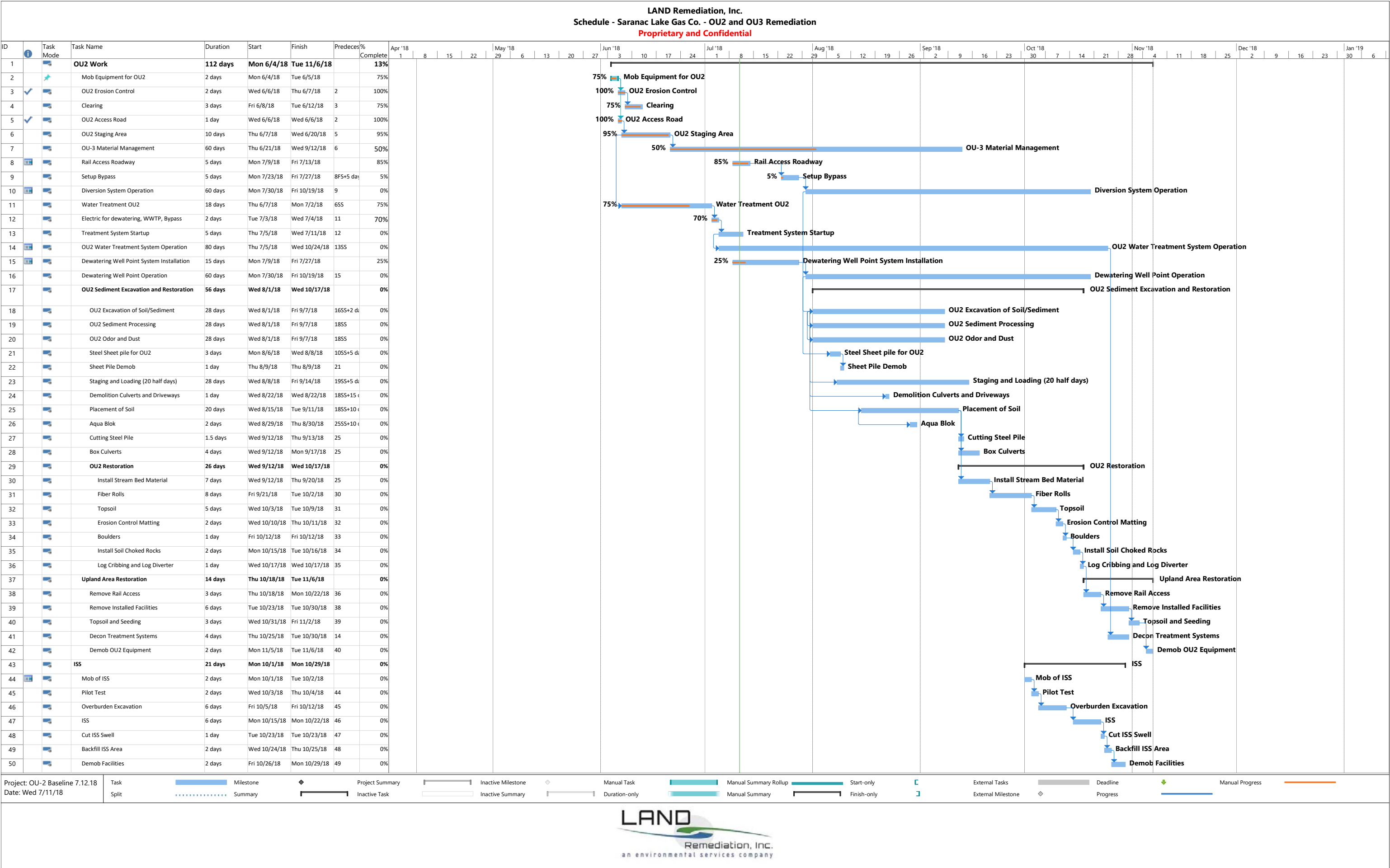
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

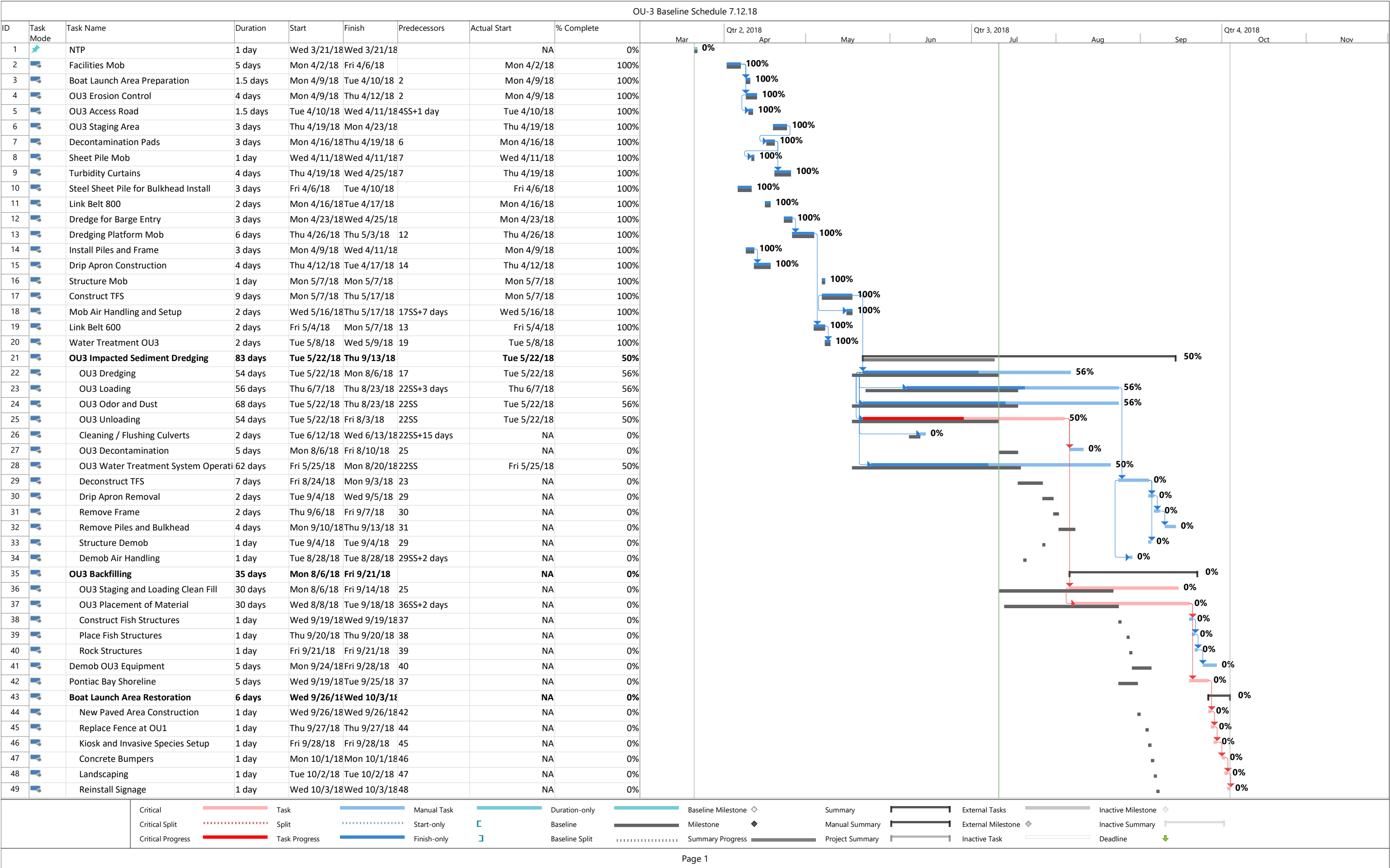
Progress Meeting No. 7 (7-12-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks						
		JUNE							July																											
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	OU3 - Dredging	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
37	Production Dredge / Unloading																																			
38	Soil Loadout																																			
	OU2 - Support and Preparation																																			
1	Culvert Cleaning																																			
2	Build additional Containment OU-2/ Continue Staging Area Prep																																			
3	OU-1 Sediment Receiving																																			
4	Railroad Mat Road																																			
5	Wellpoint System Install																																			
6	OU-3 Electric																																			
7	Bypass System Set -up																																			
8	Water Treatment Plant Installation/ Start up																																			
9	Water Treatment Plant Operation																																			

Upcoming Activities Pending :

3 bypass system install





Attachment 2

Contractor Health and Safety Activities - Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (07/2/2018)

Land Remediation Work Description: Truck load out continuing. Dredging Pontiac Bay. Emptying scows, mixing and stacking material with Portland cement. Washing down excavators with water to removed dust and quick lime. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Toolbox safety talk – How to deal with and prevent heat stress. Make sure equipment check lists are done. Remember to keep safety glasses and gloves on during the work day.

Daily Safety Observation: Ladder safety. Step ladders should not be folded up and used. All step ladders legs should spread and locked when used.

Tuesday (07/3/2018)

Land Remediation Work Description: Mixing and stacking materials with Portland cement in the TFS. Dewatering scows. Dredging continuing. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk on handling fire works. Spoke on the need to wear a face shield with using a pressure washer. Went over the need to make sure the site is secured for the 4th holiday. Everything needs to be button up in regards to housekeeping. All fuel cells will need to be covered with a fire retardant blankets. Watched when crossing River St due to heavy holiday traffic

Daily Safety Observation: A barrel needs to be placed over the sump culvert outside the TFS.

Wednesday (07/4/2018)

Land Remediation Work Description: Site closed for the 4th of July Holiday. No site work performed.

Thursday (07/5/2018)

Land Remediation Work Description: Dredging continuing. Truck load out continuing from OU3 site. Mixing Portland cement and stacking material. Dewatering and emptying scows. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk. Lesson learned. Contractor pulled over with unsafe rigging and hauling and midsize excavator. Went over what the contractor did wrong. Talked about the correct way to transport heavy equipment.

Daily Safety Observation: To all personnel. It is important to make sure that the air handlers are on before the TFS doors are closed when mixing Portland cement. Handed out glove clips to the crew so they have their gloves on them at all times. Reminded the crew of the importance to wear their gloves. Reminded all personnel to stay hydrated.

Friday (07/6/2018)

Land Remediation Work Description: Dredging bay continuing. Truck load out by Cedar Hill continuing from OU1. VAC truck onsite at OU3 to clean out carbon tanks and remove material from water waste tank. Mixing and stacking materials with Portland cement. Conducted air monitoring in work zones and perimeter area with CAMP stations.

Daily Safety Meeting Topic: Safety talk – Cell phone hazards on the road and in the work place. Housekeeping needed onsite to removed trash, straighten up walkways. Nice job wearing all needed PPE when changing out air handler filters.

Daily Safety Observation: Watch traffic when crossing River Street and boat traffic at the launch area.

Saturday (07/7/2018) & Sunday (07/8/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, July 26, 2018

Time: 10:00 AM

Location: Conference Call

Progress Meeting #8 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer*
- J Mike Cruden, NYSDEC - Bureau Chief
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Minda Murray, LAND – Health and Safety Manager
- J Jake Levertt, LAND – Engineer in Training
- J Matt Pugh, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Manager
- J Tyler Lewis, MACTEC – Dredging Inspector
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector*
- J Mark Stelmack, MACTEC– PM
- J Corry Platt, MACTEC – Dredging Advisor*
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 7 will be distributed in the next couple days.

ACTION ITEM UPDATE

1. MACTEC continues to review LAND's schedules as they are updated. Schedule to complete OU-3 dredging is accurate based on production rate but could change based on confirmation sampling (further discussion below).
2. LAND provided the requested data for additive percentages, amounts sent off site, survey results, etc., to support MACTECs review of the sediment mixing.
3. Further discussions were had following the last meeting to discuss several items and as a result the following were issued that are discussed further below:
 - a. Field Orders #1 and #2 for sediment confirmation sampling and demarcation/barrier layer.
 - b. Revised response to RFI No.2 regarding the "wedge" along the shoreline and associated sampling.

- c. Field Order #3 Brandy Brook sediment control features.

SCHEDULE

LAND provided updated schedules on July 25, 2018 (see **Attachment 1**).

OU3: Continue production dredging, address surveying questions so confirmation sampling can begin next week. Additional cleanup per sampling results scheduled week of August 6.

OU-2 –WWTP set up is complete, some dewatering points are in and bypass system set-up is in progress. Will start collecting prove-out samples this week. Will start collecting samples for pre-disposal parameters next week. MACTEC will have an OU2 inspector onsite when excavations begin.

Discussion during Schedule item: LAND would like to be able to adjust pH, if necessary, after receiving sample results, and use field measurements as a decision maker for discharge. Would like to be able to adjust and test pH after receiving sample results, prior to discharge if possible. A slight adjustment of pH after all other treatment has been completed would not negatively impact other parameters.

ADMINISTRATIVE ITEMS

1. Submittals Status

-) OU-2: Submittal No.78 – vibration monitoring stations for sheet pile is due to MACTEC soon.
-) OU-2: LAND's engineer is preparing a drawing/design for sheet pile along Brandy Brook for MACTEC's review. The design package prepared by MACTEC includes a design for sheet pile; if there is deviation from the design drawing it will need to be reviewed by MACTEC. There may be some deviation due to locations of utility lines. LAND is waiting on additional information with regards to equipment to be used for sheet pile installation.

2. Request for Information Status

-) RFI #2 – The response to RFI #2 regarding the need for demarcation layer/wedge sampling was revised and provided to land. Sampling and demarcation necessary where impacted sediments are observed to remain.

3. Field Orders

-) Field Order #1 – Confirmation Sampling – MACTEC distributed FO #1 describing collection of OU03 sediment confirmation samples. Discrete samples will be collected for compositing and will held by the lab for possible testing of individual samples based on laboratory results.
-) Field Order #2 – Demarcation/Barrier Layer Product. MACTEC distributed FO #2 to specify that Aquablok is the preferred product for the demarcation/barrier layer.
-) Field Order #3 – Brandy Brook Erosion Control for Culvert Cleaning – MACTEC distributed FO #3 directing cleaning of the culverts under Slater Avenue prior to completing the Brandy Brook sediment removal, provided that specified erosion control measures are in place.

3. Contract / Proposed Change Orders

-) PCO #1 (lease of the former restaurant and related items) – LAND responded to MACTEC’s questions on July 25, 2018.
-) PCO #2: (alternative landfill/tipping fee). Approved / complete.
-) PCO #3 (installation of portions of the Village sanitary sewer). LAND is reviewing requirements for the work and will provide costs for review. Expects to be working near this area mid to late August.
-) PCO #4 – (Prescott Park restoration / not submitted yet). Various trees and regrading are being requested by the Village on its property during OU03 site restoration. MACTEC will prepare a PCO for LAND’s review.
-) PCO #5 – (additional OU3 sampling / not submitted yet). Responses to RFI No. 2 and Field Order No. 1 results in additional sampling (discrete samples and wedge samples) that may be more complicated than originally anticipated. This may trigger a PCO.

4. CAP No. 3

LAND will revise CAP No. 3 to include the additional site services that were removed from CAP No. 2.

6. SharePoint

A SharePoint site has been provided by MACTEC for transfer of large files such as weight tickets and manifests. Scanned copies of weight tickets and manifests are okay, no need for LAND to send hard copies to MACTEC.

HEALTH and SAFETY

Work at OU2 is ramping up; crane mats over railroad has been placed. New fencing across tracks will discourage trespassers.

LAND’s most recent summary of daily H&S activities is included as **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

1. Treated water from OU-3 is being trucked to Village POTW for now in efforts to keep things moving. Treatment plant will accept up to 20,000 gallons per day of treated water, our water will help them with dilution of other waters. LAND was advised to double check with Village on costs to see if similar to what was quoted in the past.

REMEDIAL ACTION

1. Water Treatment –Waiting on OU03 BOD results from latest sampling round. BOD is currently the only parameter in question now that higher TDS limit (500 mg/l) is in place. An aerator was added to the treatment system in efforts to help with BOD, prior to the last sample collected. If results indicate that BOD has met the discharge criteria, discharge can resume instead of hauling water to the POTW.
2. LAND reported no changes with regards to sediment dewatering methods, additives, and stabilization processes discussed during the last meeting.
3. Bathymetric survey / confirmation sampling. LAND provided bathymetric survey results to approve some areas for confirmation sampling. Based on review by MACTEC there are some

areas that need additional survey points (some survey points are noted to be 12-20 feet apart) to approve sampling in those areas. LAND has conducted additional survey and plans to send it out for review today or tomorrow. MACTEC will review ASAP so that confirmation sampling can begin. Confirmation sampling will be conducted as described in Field Order No. 1

4. OU02 Status – WWTP installed, several wellpoints installed, brook bypass in process. Expect to startup WWTP soon to collect prove-out samples. Erosion control features described in FO #3 in front of homes on Brandy Brook Ave. will be installed next week. NYSDEC to touch base with home owners. There is a tree that one home owner would like to keep that may be in the work area.
5. Culvert Cleaning / Inlet Protections - This item was clarified with FO No. 3. Control measures include check dams (sand bags and/or light stone) and short hanging silt curtains.
6. Deeper dredging following ISS. If deeper dredging is conducted in this area, sloughing and benching of the upland soil could make the area less stable and difficult to conduct ISS. An alternative is return after ISS to dredge with a long reach excavator.
7. OU03 Backfill Testing Requirement. Approved backfill will require continuing sieve analyses every 1,000 cubic yards during placement.

INTERACTION with THE COMMUNITY

No complaints have been received since the last progress meeting. Minor sheens while excavating, booms are being managed. Odors dissipate quickly when sludge is moved inside for processing.

OPEN DISCUSSION

Change Out of Turbidity Curtain. Specs require changing turbidity curtain after dredging, before backfilling, as well as decontaminating equipment. How will this impact schedule? LAND did not anticipate having to do this, does not have another full size turbidity curtain on-site, typically they've inspected the curtain and the oil booms are there to help protect the curtain. Not planning on dredging and backfilling at the same time, but if so, will use more curtain to separate areas.

NEW ACTION ITEMS

LAND:

1. Continue collection of waste characterization samples.
2. Begin collection of sediment confirmation samples.
3. Install erosion control features at Brandy Brook.
4. Provide continuing sieve analyses during OU03 backfilling.
5. Provide submittals: OU02 sheetpile, vibration monitoring.
6. Coordinate sampling to resolve ongoing water treatment for BOD.

MACTEC:

1. Prepare PCO No. 4 – Prescott Park Restoration
2. Review bathymetric survey for sediment confirmation sampling
3. Review latest PCO #1.

NYSDEC:

1. Contact homeowners on Brandy Brook Ave. for notification of impending work.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 9 is scheduled for Thursday, August 9, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

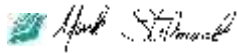
ADJOURNMENT

Progress Meeting No. 8 adjourned at approximately 10:50 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 8/13/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack", is written over a small, light blue rectangular stamp.

Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

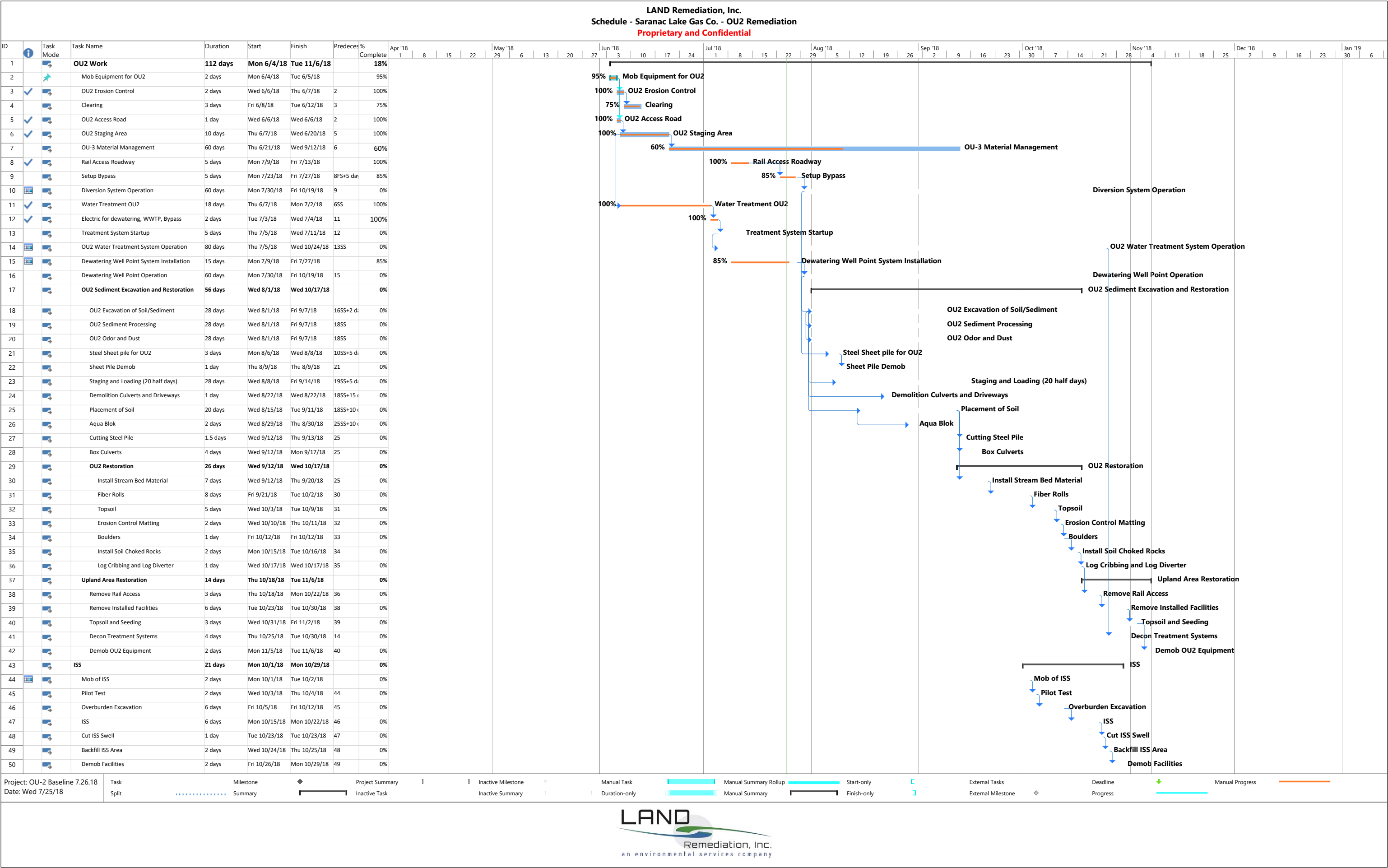
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 8 (7-25-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks							
		July																												August							
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	
	OU3 - Dredging	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	
37	Production Dredge / Unloading																																				
38	Clean up Dredging/ Unloading																																				
39	Soil Loadout																																				
40	Confirmation Sampling																																				
	OU2 - Support and Preparation																																				
1	Culvert Cleaning																																				
2	Set up Brandy Brook Sediment Traps																																				
3	OU-1 Sediment Receiving																																				
4	Railroad Mat Road																																				
5	Wellpoint System Install																																				
6	OU-3 Electric																																				
7	Bypass System Set -up																																				
8	Water Treatment Plant Install																																				
9	Water Treatment Plant Start up																																				
10	Water Treatment Plant Operation																																				
11	OU-2 Excavation																																				

Upcoming Activities Pending :

a bay backfill



OU-3 Baseline Schedule 7.26.18																									
ID		Task Mode	Task Name	Duration	Start	Finish	Predecessors	Actual Start	% Complete																
1			NTP	1 day	Wed 3/21/18	Wed 3/21/18			NA	0%	Mar	Qtr 2, 2018		Apr	May	Jun	Qtr 3, 2018		Jul	Aug	Sep	Qtr 4, 2018		Oct	Nov
2			Facilities Mob	5 days	Mon 4/2/18	Fri 4/6/18		Mon 4/2/18	100%																
3			Boat Launch Area Preparation	1.5 days	Mon 4/9/18	Tue 4/10/18	2	Mon 4/9/18	100%																
4			OU3 Erosion Control	4 days	Mon 4/9/18	Thu 4/12/18	2	Mon 4/9/18	100%																
5			OU3 Access Road	1.5 days	Tue 4/10/18	Wed 4/11/18	4SS+1 day	Tue 4/10/18	100%																
6			OU3 Staging Area	3 days	Thu 4/19/18	Mon 4/23/18		Thu 4/19/18	100%																
7			Decontamination Pads	3 days	Mon 4/16/18	Thu 4/19/18	6	Mon 4/16/18	100%																
8			Sheet Pile Mob	1 day	Wed 4/11/18	Wed 4/11/18	7	Wed 4/11/18	100%																
9			Turbidity Curtains	4 days	Thu 4/19/18	Wed 4/25/18	7	Thu 4/19/18	100%																
10			Steel Sheet Pile for Bulkhead Install	3 days	Fri 4/6/18	Tue 4/10/18		Fri 4/6/18	100%																
11			Link Belt 800	2 days	Mon 4/16/18	Tue 4/17/18		Mon 4/16/18	100%																
12			Dredge for Barge Entry	3 days	Mon 4/23/18	Wed 4/25/18		Mon 4/23/18	100%																
13			Dredging Platform Mob	6 days	Thu 4/26/18	Thu 5/3/18	12	Thu 4/26/18	100%																
14			Install Piles and Frame	3 days	Mon 4/9/18	Wed 4/11/18		Mon 4/9/18	100%																
15			Drip Apron Construction	4 days	Thu 4/12/18	Tue 4/17/18	14	Thu 4/12/18	100%																
16			Structure Mob	1 day	Mon 5/7/18	Mon 5/7/18		Mon 5/7/18	100%																
17			Construct TFS	9 days	Mon 5/7/18	Thu 5/17/18		Mon 5/7/18	100%																
18			Mob Air Handling and Setup	2 days	Wed 5/16/18	Thu 5/17/18	17SS+7 days	Wed 5/16/18	100%																
19			Link Belt 600	2 days	Fri 5/4/18	Mon 5/7/18	13	Fri 5/4/18	100%																
20			Water Treatment OU3	2 days	Tue 5/8/18	Wed 5/9/18	19	Tue 5/8/18	100%																
21			OU3 Impacted Sediment Dredging	83 days	Tue 5/22/18	Thu 9/13/18		Tue 5/22/18	59%																
22			OU3 Dredging	54 days	Tue 5/22/18	Mon 8/6/18	17	Tue 5/22/18	67%																
23			OU3 Loading	56 days	Thu 6/7/18	Thu 8/23/18	22SS+3 days	Thu 6/7/18	67%																
24			OU3 Odor and Dust	68 days	Tue 5/22/18	Thu 8/23/18	22SS	Tue 5/22/18	67%																
25			OU3 Unloading	54 days	Tue 5/22/18	Fri 8/3/18	22SS	Tue 5/22/18	60%																
26			Cleaning / Flushing Culverts	2 days	Tue 6/12/18	Wed 6/13/18	22SS+15 days	NA	0%																
27			OU3 Decontamination	5 days	Mon 8/6/18	Fri 8/10/18	25	NA	0%																
28			OU3 Water Treatment System Operati	62 days	Fri 5/25/18	Mon 8/20/18	22SS	Fri 5/25/18	60%																
29			Deconstruct TFS	7 days	Fri 8/24/18	Mon 9/3/18	23	NA	0%																
30			Drip Apron Removal	2 days	Tue 9/4/18	Wed 9/5/18	29	NA	0%																
31			Remove Frame	2 days	Thu 9/6/18	Fri 9/7/18	30	NA	0%																
32			Remove Piles and Bulkhead	4 days	Mon 9/10/18	Thu 9/13/18	31	NA	0%																
33			Structure Demob	1 day	Tue 9/4/18	Tue 9/4/18	29	NA	0%																
34			Demob Air Handling	1 day	Tue 8/28/18	Tue 8/28/18	29SS+2 days	NA	0%																
35			OU3 Backfilling	35 days	Mon 8/6/18	Fri 9/21/18		NA	0%																
36			OU3 Staging and Loading Clean Fill	30 days	Mon 8/6/18	Fri 9/14/18	25	NA	0%																
37			OU3 Placement of Material	30 days	Wed 8/8/18	Tue 9/18/18	36SS+2 days	NA	0%																
38			Construct Fish Structures	1 day	Wed 9/19/18	Wed 9/19/18	37	NA	0%																
39			Place Fish Structures	1 day	Thu 9/20/18	Thu 9/20/18	38	NA	0%																
40			Rock Structures	1 day	Fri 9/21/18	Fri 9/21/18	39	NA	0%																
41			Demob OU3 Equipment	5 days	Mon 9/24/18	Fri 9/28/18	40	NA	0%																
42			Pontiac Bay Shoreline	5 days	Wed 9/19/18	Tue 9/25/18	37	NA	0%																
43			Boat Launch Area Restoration	6 days	Wed 9/26/18	Wed 10/3/18		NA	0%																
44			New Paved Area Construction	1 day	Wed 9/26/18	Wed 9/26/18	42	NA	0%																
45			Replace Fence at OU1	1 day	Thu 9/27/18	Thu 9/27/18	44	NA	0%																
46			Kiosk and Invasive Species Setup	1 day	Fri 9/28/18	Fri 9/28/18	45	NA	0%																
47			Concrete Bumpers	1 day	Mon 10/1/18	Mon 10/1/18	46	NA	0%																
48			Landscaping	1 day	Tue 10/2/18	Tue 10/2/18	47	NA	0%																
49			Reinstall Signage	1 day	Wed 10/3/18	Wed 10/3/18	48	NA	0%																
			Critical	Task	Manual Task	Duration-only	Baseline Milestone		Summary		External Tasks	Inactive Milestone													
			Critical Split	Split	Start-only	Baseline	Milestone		Manual Summary		External Milestone	Inactive Summary													
			Critical Progress	Task Progress	Finish-only	Baseline Split	Summary Progress		Project Summary		Inactive Task	Deadline													
Page 1																									

Attachment 2

Contractor Health and Safety Activities - Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (07/09/2018)

Land Remediation Work Description: Truck load out from OU3. Continuing to dredge Pontiac Bay. Emptying scows, mixing and stacking materials with Portland cement Type III. Vac truck onsite to clean out carbon tanks and water waste tank. Conducted air monitoring in work zones and perimeter areas with CAMP stations. Non-permitted Confined Space monitoring for water tanks conducted by subcontractor.

Daily Safety Meeting Topic: Toolbox talk – Pressure washer safety. Spoke on the need to clear WTP areas of the pallets of materials, open up walkways to minimize trip and fall hazards

Daily Safety Observation: All personnel around the Vac Truck operations need to watch the high pressure hose and make sure hearing protection is used.

Tuesday (07/10/2018)

Land Remediation Work Description: Maintenance performed on the 800 excavator's clam shell bucket. Tried vibrator/tamper attachment to facilitate dewatering scow process (unsuccessful). Loaded out trucks. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk on slip hazards in the workplace. Nice job on traffic control. A total of 14 trucks were loaded out with 2 cement deliveries and one frak tank delivered. All went accorded to plan.

Daily Safety Observation: Vac truck workers were in the waste water tank without their hard hats on. The crew stopped their work and had them put their hats on. Nice job. All personnel should make sure all visitors and contractor have their level D PPE on.

Wednesday (0711/2018)

Land Remediation Work Description: Continuing dredging Pontiac Bay. Dewatering scows and emptying scows, mixing and stacking materials with Portland Cement Type III. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was on burn severity. Reviewed the different classes and how to treat them. Spoke to the crew on the importance of wearing their PPE gear.

Daily Safety Observation: Housekeeping, all materials were moved out of the water treatment plant areas. This will open up good walkways, minimizing trip and fall hazards. Nice job.

Thursday (07/12/2018)

Land Remediation Work Description: Dredging continuing on Pontiac Bay. Tri-axel truck load out continuing from OU3 site to OU1. Mixing Portland cement and stacking material. Dewatering and emptying scows. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk. Fire extinguisher safety. Spoke about continuing to work the traffic plan when Cedar Hill trucks leave the site.

Daily Safety Observation: Make sure the support pier is clear of unused materials like hoses. The pier has cluttered and creates a trip and fall hazard.

Friday (07/13/2018)

Land Remediation Work Description: Dredging bay continuing. Tri-axel truck load from OU3 to OU1. Dewatering scows, mixing Portland cement with materials. Conducted air monitoring in work zones and perimeter area with CAMP stations.

Daily Safety Meeting Topic: Safety talk – Staying focus on safety during the work day. Keep focus on safety during Friday. Spoke on the need to wet down truck load out area in the TFS to keep dust down.

Daily Safety Observation: Make sure to check hoses, valves and cam lock fittings before pumping water.

Saturday (07/14/2018) & Sunday (07/15/2018) No site work conducted.



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (07/16/2018)

Land Remediation Work Description: Truck load out from OU3. A total of 16 trucks. Continuing to dredge Pontiac Bay. Emptying and mixing scows with Portland Type III cement. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Toolbox talk – Topic was on pinch point hazards in the workplace. Reminded crew on the importance of keeping the support area clear of materials. This will reduce the possible trip and fall hazards in this area.

Daily Safety Observation: Reminder to check filters in the air handler systems. Change filters out if needed.

Tuesday (07/17/2018)

Land Remediation Work Description: Truck load out from OU3 to OU1 with tri-axel. Dredging Pontiac Bay continuing. Mixing and emptying scows from dredging operations. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Started safety talk on the 4 top hazards found in the construction industry. Today's topic was on electrocution hazards, how to identify the hazards and how to prevent an incident. Discussed the possibility of thunderstorms in the area today. Need to wet down the loading pass through in the TFS to minimize dust.

Daily Safety Observation: It was observed that one of the support boat motors was "jumping" when the boat was backing up. Was told it might be a bad prop. Boat has been taken out of service and repair scheduled.

Wednesday (07/18/2018)

Land Remediation Work Description: Continuing dredging Pontiac Bay. Dewatering scows and emptying scows, mixing and stacking materials with Portland Type III cement. Truck load out from OU3 to OU1. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was on tips to avoid caught in between accidents. New prop was ordered for support boat. Boat will remain out of service. Housekeeping, the site looks great. All areas look orderly and neat. Walkways are clear of materials. This will minimize trip and fall hazards.

Daily Safety Observation: Make sure all visiting personnel have ANSI Z87 safety glasses on before entering the site.

Thursday (07/19/2018)

Land Remediation Work Description: Dredging continuing on Pontiac Bay. Tri-axel truck load out continuing from OU3 site. Mixing Portland cement and stacking material. Dewatering and emptying scows. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk. How to prevent struck by hazards on the worksite. Watch for heavy boat launch traffic when site deliveries are made.

Daily Safety Observation: It is important to wear nitrile gloves when handling anything with contaminated material on it.

Friday (07/20/2018)

Land Remediation Work Description: Dredging bay continuing. Truck load out from OU3 to OU1 by tri-axel continuing. Dewatering scows, mixing Portland cement with materials. Received two Portland cement deliveries. Conducted air monitoring in work zones and perimeter area with CAMP stations.

Daily Safety Meeting Topic: Safety talk – Finished the top 4 hazards found on in the construction industry today. Topic was on Fall protection in the workplace. Spoke about ergonomic injuries. It is import to minimize repetitive movement and to change up a routine task. Example; When using a dead blow hammer on the cement silo, change hands so the same arm movement is not repeated.

Daily Safety Observation: When you move from barge to barge, watch the gap.

Saturday (07/21/2018) & Sunday (07/22/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008

Date: Thursday, August 9, 2018

Time: 10:00 AM

Location: Conference Call

Progress Meeting #9 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)*
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mike Evens, LAND – Project Superintendent, OU03
- J Bill Carpenter, LAND – Site Safety Officer
- J Jake Leverett, LAND – Engineer in Training
- J Kyle Jones, LAND – Engineer in Training
- J Matt Pugh, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Manager*
- J Bill Weber, MACTEC – NYSDEC Program Director*
- J Tyler Lewis, MACTEC – Dredging Inspector*
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector
- J Mark Stelmack, MACTEC– PM
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Olivia Platia, MACTEC – Inspector

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes of Progress Meeting No. 8 will be distributed in the next couple days.

ACTION ITEM UPDATE

LAND:

1. Continued collection of waste characterization samples for OU2, 4 of 5 have been collected.
2. Began collection of sediment confirmation samples. First four composites, areas 5 through 8 passed. Expect to collect more next week based on survey (further discussion below).
3. Completed installation of erosion control features at Brandy Brook.
4. Will provide continuous sieve analyses during OU03 backfilling.
5. Collected information on height of poles/wires for the sheetpile submittal which will be submitted soon along with the vibration monitoring submittal.
6. Coordinated sampling to resolve ongoing water treatment for BOD. Another sample for BOD was collected yesterday (further discussion below).

MACTEC:

1. Prepared PCO No. 4 – Prescott Park Restoration, currently under review by DEC.
2. Reviewed/approved LAND survey to enable sampling in Dredge Areas 5 through 8.
3. Reviewed latest PCO #1. – Reviewed, requires additional discussion (further discussion below).

NYSDEC:

1. Contacted homeowners on Brandy Brook Ave on July 26 (day of last bi-weekly call), and left cards for residents that were not home. The tree on one resident's property will be flagged so that it's not impacted.

SCHEDULE

LAND did not update the project schedule since the previous progress meeting, however, the two-week look-ahead has been updated and is included as **Attachment 1**. Current and foreseeable schedule of activities are as follows:

OU3 - Working on second pass of dredging in the 7.5 foot cut in dredge areas 17 & 18 based on survey at the beginning of the week, hope to be done tomorrow. Surveyors will be onsite next Tuesday to verify grades and will do additional cleanup work to reach grades daily/real-time while surveyors are on site. MACTEC will review survey/requests for cleared areas ASAP so that sampling can take place right away, it will be turned around quickly so long as the survey point density is generally 5' x 5' or closer.

-) Estimate clean-up dredging complete August 17th
-) finish post-dredge sampling August 24th
-) backfill starting week of August 27th, or week after Labor Day, pending sediment confirmation results.

MACTEC is looking into placing less backfill in the area in front of the culvert, will be addressed as a PCO.

OU-2: Culvert cleaning and erosion control measures to keep them clean is complete. Well-points are running, they start at 10-15 gpm, but then slow down as water levels are lowered. Started excavation on first 350-foot section, some parts have reached grade. Will want to start confirmation sampling as soon as survey is approved. Will be ready to backfill with subgrade material immediately upon receipt of confirmation sample results. MACTEC will have a full-time inspector at OU2 starting next week. Areas that still have visual impacts (staining or sheens) will be over-excavated and MACTEC will note same in the daily field reports. LAND operators have been checking with MACTEC and getting pre-approval to over-excavate during the early stages of this work.

ADMINISTRATIVE ITEMS

A discussion was had during the meeting to reiterate the change order process. Also discussed that it is often difficult to get three quotes for items that exceed \$1,000. LAND shall document their attempts at getting multiple quotes and MACTEC will review the costs to ensure that they are reasonable. (Note: Tracking sheets for RFIs, FOs and PCOs were distributed by MACTEC the day after the meeting and updated sheets will be distributed prior to meetings going forward to facilitate this discussion).

1. Submittals Status

-) OU-2: Submittal No.78 – vibration monitoring stations for sheet pile is due to MACTEC soon.
-) OU-2: LAND collected additional information regarding utility poles and wires so their engineer can finalize the sheet pile submittal.

-) MACTEC received and responded to submittals for OU-2 subgrade fill, stream bed fill, and culvert fabrication.
- 2. Request for Information Status**
 -) RFI #2 – Final response to RFI #2 regarding the need for demarcation layer/wedge sampling was revised and provided to LAND on 8/7/18.
 -) RFI #5 – Response to RFI #5 was provided to LAND on 8/7/18, dismissing the request for well point water to by-pass the treatment system.
 -) RFI #6 – Response to RFI #6 on how to handle excavation in the section of the brook with the sanitary sewer was submitted to LAND on 8/7/18. Associated PCO #5 is under review by DEC.
- 3. Field Orders**
 -) No new field orders are in process.
- 4. Contract / Proposed Change Orders**
 -) PCO #1 (lease of the former restaurant and related items). Team discussed that although this PCO includes flaggers, there has not been dedicated flaggers on-site. This is why LAND revised the PCO to include a day rate instead of a lump sum, and they will only charge for the days that a flagger was used. This will be billed per unit rate similarly to the per ton unit rate for the alternative landfill/tipping fee (PCO #2). MACTEC and DEC will discuss further since there is not currently a CAP line item available to pay a day rate for a flagger.
 -) PCO #5: (replace sewer line to enable excavation in Brandy Brook). This is associated with RFI#6. Currently being reviewed by DEC, expect to finalize and issue to LAND within the next couple days.
 -) LAND has submitted a PCO#5 for water handling including additional storage tanks and hauling water to the Saranac POTW. DEC will evaluate with the OU-3 differing site conditions claim.
- 5. CAPs Nos. 3 & 4**

LAND revised CAP No. 3, it was reviewed by MACTEC, DEC is reviewing. LAND is preparing CAP No. 4.

HEALTH and SAFETY

Trucking: When LAND has new drivers the traffic plan is reviewed with them. LAND stops traffic for trucks coming in and leaving and makes sure that they know the drill.

LAND plans to increase the height of the visual barriers along the OU2 crane mat access road so that drivers can see them while backing.

LAND's most recent summary of daily H&S activities is included as **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

1. OU02 treated water discharge to Village WWTP will continue until the next BOD result from the well point water sample (collected yesterday) is available.
2. CAMP Results – LAND will include Wendy Kuehner from NYSDOH on the results.

REMEDIAL ACTION

1. Water treatment status (OU02, OU03) – First sample was from OU1 staging pad to prove out sample, failed for TDS. Second sample was half well-point, half OU3 material water, passed everything except BOD. Processed the rest of the water that had OU3 included and shipped to Village WWTP. Processed OU2 water only and collected a sample yesterday, August 8. POTW

did say that pH was close to their limit of 9, will keep an eye on this and adjust accordingly prior to future shipments.

2. LAND/MACTEC survey comparisons are very close in dredging quantities so far.
3. Sediment confirmation sampling (recent results Areas 5,6,7,8) – cleanup criteria was met.
4. Began excavating in OU02. Conditions are relatively dry. As previously discussed, over-excavation is being conducted where visual impacts are noted.
5. Culvert cleaning / inlet protections completed
6. ISS – schedule/utility pole relocation – LAND cannot make the request with National Grid to remove the telephone pole, this will either have to be the property owner or DEC. DEC indicated that the contractor makes this request on other sites in which the property owner is not DEC. DEC can help coordinate with National Grid if necessary.
7. OU02, OU03 backfill - periodic grain size testing requirement – will be ongoing while brought to site. LAND will get a couple samples ahead of time from Trudeau to get the process started. Need to get other types of backfill approved as well.
8. Final landscaping may occur in 2019 if can't do in October (November may be too late for anything to grow).

INTERACTION with THE COMMUNITY

Nuisance item (odor, sheen, noise) update: No complaints have been noted since last progress meeting.

A curious resident was encountered during the culvert cleaning.

Relative to PCO #5: MJ Raymond Construction will be helping with some utility disconnects at homes along Brandy Brook Ave. which may require entering some residential basements to trace lines. DEC will need to mention this to the residents ahead of time to give them an idea of dates and DEC will also accompany during the event. DEC will need a quick summary work of what this will entail and which addresses (six water and sewer connections). Also need to reach out to the Village regarding both the laterals that will be impacted and the portion of the sewer line that LAND will replace in the excavation area of OU2.

OPEN DISCUSSION

Representatives from Saranac Lake Historic and from Adirondack Experience will be onsite tomorrow to select a couple of the river logs that were dredged/removed from the bay.

High school – Sarah is working with high school group and will coordinate with MACTEC on what materials to provide for poster board.

NEW ACTION ITEMS

LAND

1. Revise project schedule.
2. Provide DEC a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents.
3. Provide survey of next areas ready for OU-3 confirmation sampling.
4. Provide BOD wellpoint water results next week.
5. Contact National Grid regarding the utility pole located in the ISS area. NYSDEC will assist if required.

MACTEC

1. Provide PCO No. 5 to LAND once DEC review complete.
2. Keep administrative tracking sheets up to date and distribute to team prior to next meeting.
3. Contact AES regarding recent questions posed to them on the sanitary sewer install.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 10 is scheduled for Thursday, August 23, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

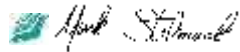
ADJOURNMENT

Progress Meeting No. 9 adjourned at approximately 11:30 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 8/27/18

Signed:

A handwritten signature in black ink, appearing to read "Mark Stelmack", is written over a small, light blue rectangular stamp.

Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

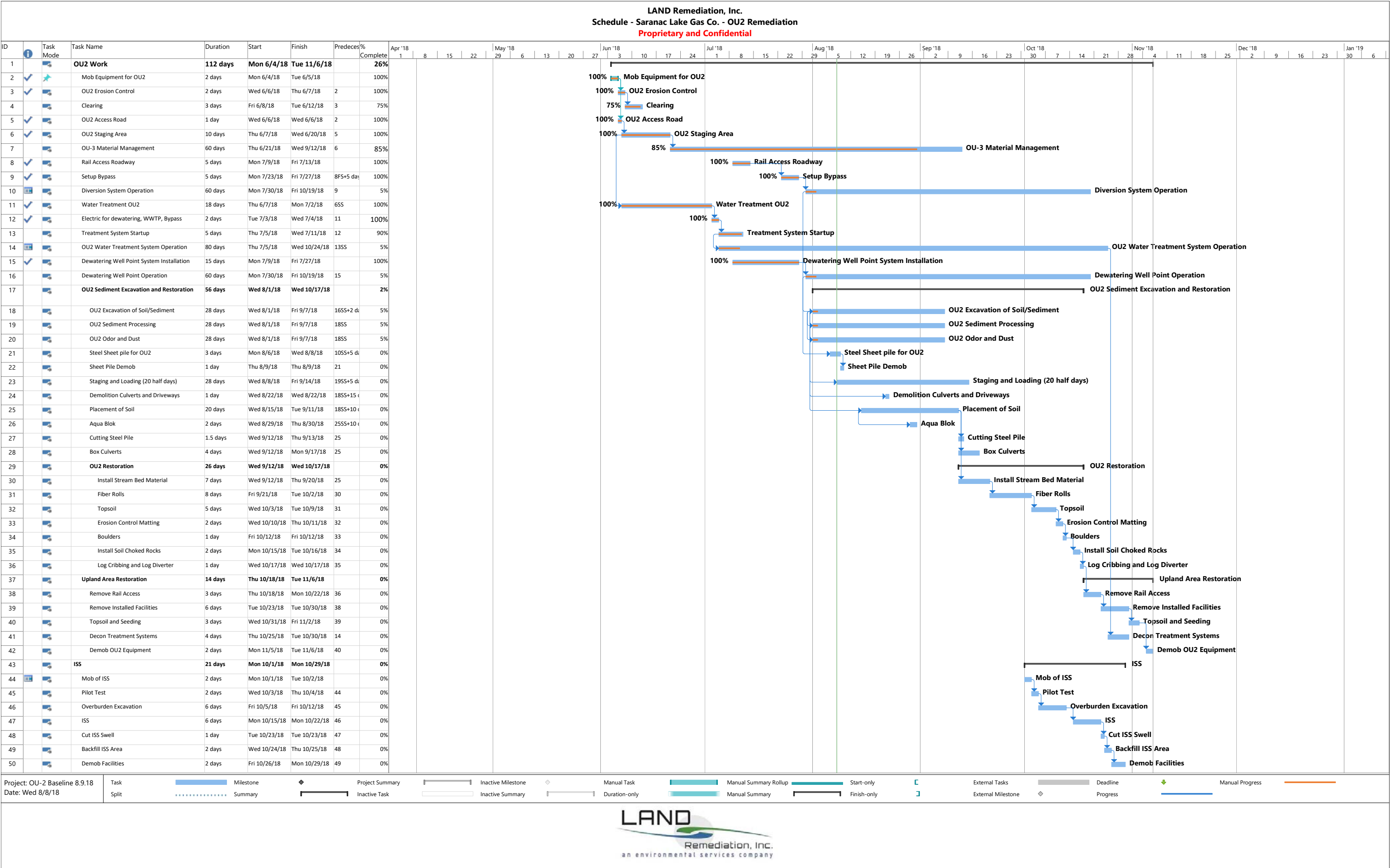
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

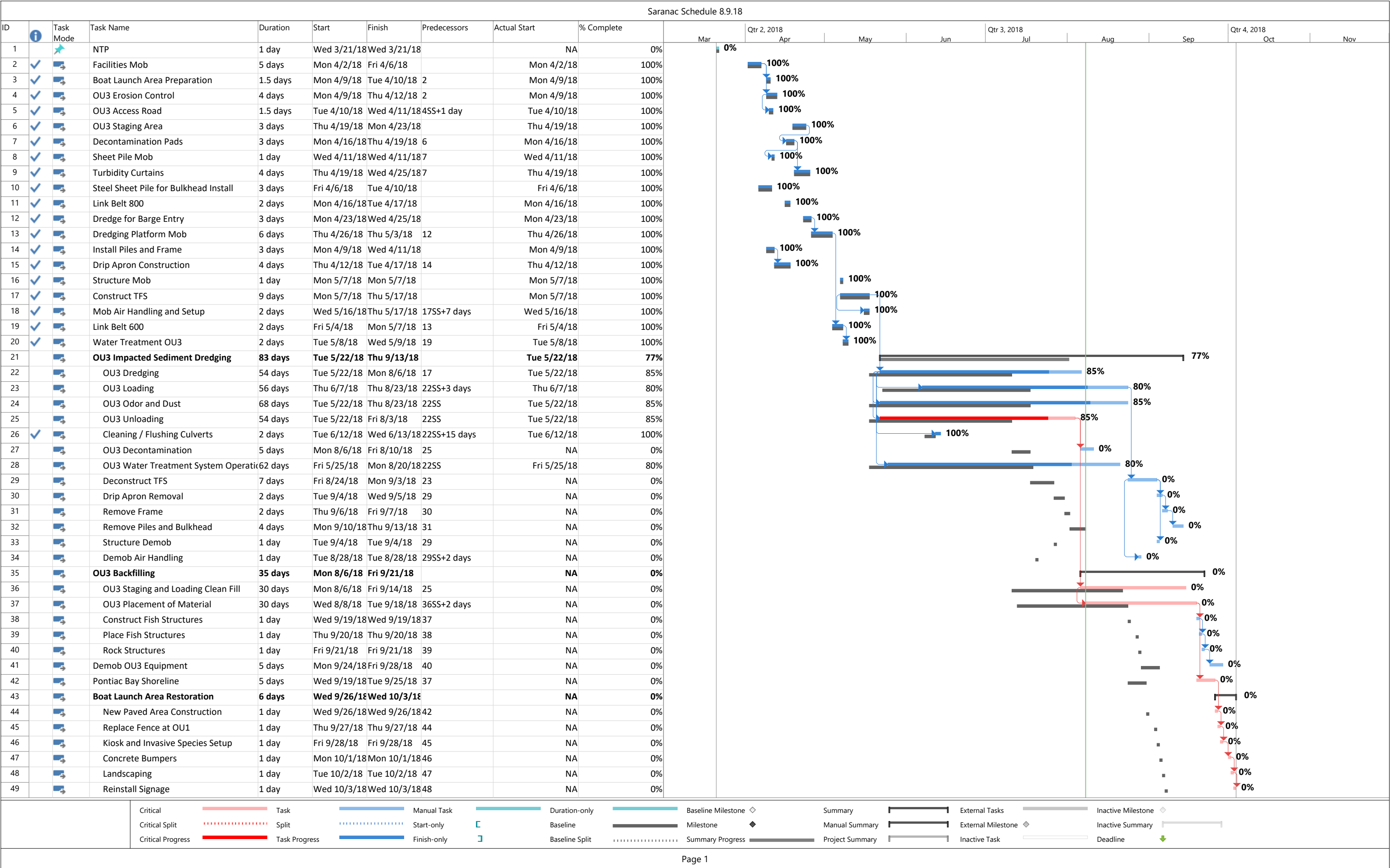
Progress Meeting No. 9 (8-9-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks										
		July											August																											
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa				
	OU3 - Dredging	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25				
37	Production Dredge / Unloading																																							
38	Clean up Dredging/ Unloading																																							
39	Soil Loadout																																							
40	Confirmation Sampling																																							
	OU2 - Support and Preparation																																							
1	Culvert Cleaning																																							
2	Set up Brandy Brook Sediment Traps																																							
3	OU-1 Sediment Receiving																																							
5	Wellpoint System Install																																							
7	Bypass System Set -up																																							
9	Water Treatment Plant Start up																																							
10	Water Treatment Plant Operation																																							
11	OU-2 Excavation																																							
12	OU-2 Confirmation Sampling																																							
13	OU-2 subgrade Fill																																							

Upcoming Activities Pending :

a bay backfill





Attachment 2

Contractor Health and Safety Activities - Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY

Monday (07/30/2018)

Land Remediation Work Description: Truck load out from OU3. A total of 16 trucks. Continuing to dredge 7 ½ Ft cut in Pontiac Bay. Emptying and mixing scows with Portland Type III cement. TDI hauling water offsite. OU1 – Well installation continuing. Receiving materials from OU3 via tri-axel dump truck. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety meeting topic was Housekeeping on a construction site. A person from the side walk entered the site. Radio communication was used to alert the Safety Officer of their presence. Great example of good communication. All personnel will continue to keep a lookout for unauthorized people entering the site. Additional signage will be placed at the street gate.

Daily Safety Observation: Ground hole developed near the log storage area. A high viz barrel was placed at the spot of the hole.

Tuesday (07/31/2018)

Land Remediation Work Description: Truck load out (6) from OU3. Dredging 7 ½ FT Cut area continuing. Received 2 truckloads of aqua block. Tri-axel load out of materials from OU3 to OU1. Mixing and emptying scows with Portland Type III cement. TDI hauling water offsite. OU1 – Receiving materials from OU3. Well placements continuing. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was Spotter Safety. Wet conditions today, Slip and fall hazards. Watch footing around tarps and Barrier containments. Used GFCIs when needed.

Daily Safety Observation: Cedar Hill truck struck the roll door support – travel channel. The door was fixed and operational. Going forward, a spotter will be used when a load out truck enters the TFS. Also that style of truck will not be loaded at TFS and only loaded at the OU1 site.

Wednesday (08/01/2018)

Land Remediation Work Description: Continuing to dredge 7 ½ FT cut. Dewatering and emptying scows. Mixing Portland Type III cement into material. Tri-axel load out to OU1. OU1 – Truck load out. Receiving tri-axels from OU3. Installed saddle on bypass line. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was aerial lift safety. During the aqua block delivery there was good communication directing boat launch traffic. Spotters were used when off loading the material. Nice job. OU1 – While working on the tracks and in front of houses, be aware of pedestrians.

Daily Safety Observation: Don't touch the spuds when moving barges. This can create pinch point hazards.

Thursday (08/02/2018)

Land Remediation Work Description: Dredging continuing at 7 ½ ft cut in Pontiac Bay. Mixing Portland cement and stacking material. Dewatering and emptying scows. CICS Vac truck crew arrived to clear out the culverts at the River St intersection. OU1 - Clearing brush along rail road mats. Work on well point system. Water treatment diagnosis. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was on first aid – choking. Using the Heimlich maneuver.

Daily Safety Observation: Minda spoke on the importance of filling out an incident report. OU1 – When covering the materials piles, stay clear from under the bucket of the excavator.

Friday (08/03/2018)

Land Remediation Work Description: Dredging continuing at the 7 ½ FT cut. Truck load out (Cedar Hill). Dewatering scows, mixing Portland cement with materials. Received two Portland cement deliveries. CICS – VAC truck operations at culverts. OU1 – Began OU2 excavation in creek area, digging down approx. 3ft. TDI hauling out water offsite. Conducted air monitoring in work zones and perimeter area with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was PPE hearing protection. OU1 – make sure spotter is used when backing truck down tracks.

Daily Safety Observation: Continual to keep a look out for people entering the site. Ask them politely to leave.

Saturday (08/4/2018) & Sunday (08/05/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, August 23, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #10 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Ryan, NYSDEC – Assistant Director, DER
- J Mike Cruden, NYSDEC – Bureau Chief
- J Dave Harrington, NYSDEC – Section Chief
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Kris Keenan, NYSDEC – Construction Inspector
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Keith Decker, LAND – Project Director*
- J Matt Pugh, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Manager*
- J Jason Raimondi, MACTEC – Project Engineer/Dredging Inspector
- J Mark Stelmack, MACTEC– Project Manager
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Corry Platt, MACTEC – Dredging Advisor*

* attended via telephone

PREVIOUS MEETING MINUTES

The final minutes with incorporated comments for Progress Meeting No. 9 will be distributed in the next few days.

ACTION ITEM UPDATE

LAND

1. Project schedule has been revised and provided.
2. Provide DEC a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents:
To be completed soon and incorporated into this afternoon's 2:00 PM meeting with the Village.
3. Provide survey of next areas ready for OU-3 confirmation sampling:
Complete, sampling underway.
4. Provide BOD wellpoint water results:
Complete.
5. Contact National Grid regarding the utility pole:

Ongoing correspondences. Service is disconnected, but wires are still there.

MACTEC

1. Provide PCO No. 5 to LAND once DEC review complete:
Complete.
2. Keep administrative tracking sheets up to date and distribute to team prior to next meeting:
Complete, updates distributed yesterday.
3. Contact AES regarding recent questions posed to them on the sanitary sewer install:
Complete, have a follow-up meeting at 2:00 PM this afternoon.

SCHEDULE

LAND provided a revised project schedule, **Attachment 1**.

OU3 – still conducting confirmation sampling, should finish today, then will collect documentation samples on the perimeter wedge areas. Decontaminating two of the three scows. Schedule includes some additional excavation, if needed, based on confirmation sample results. Backfilling may start next week, will incorporate new/slightly deeper surface. Substantial Completion scheduled for October 31, 2018.

OU2 – Collecting confirmation samples in the 4.5' cut active area today. Will then continue onto next area. Existing sanitary sewer line-affected area will be week after next. Will conduct exploration for existing sewer lateral today or tomorrow.

ADMINISTRATIVE ITEMS

1. Submittals Due:

-) OU-2: Sheetpile
 -) OU-2: Submittal No.78 – vibration monitoring
- LAND mentioned it will likely propose alternative to sheetpile.

2. Request for Information Status

-) No new RFIs since last meeting. Responses to all seven RFIs are complete.

3. Field Orders

-) No new Field Orders are in process.

4. Contract / Proposed Change Orders

-) PCO #1, PCO #2 and PCO #5 will be included in Change Order No. 1.
-) Waiting on response/costs from LAND for PCO #3, 4 and 7.
-) PCO #6 will result in less backfill at OU3, therefore decrease in costs.

5. CAPs

-) MACTEC is reviewing CAP No. 4, still need to verify quantities. Received/provided feedback on how to handle cost related to PCO No. 2, Jamie and Matt W will discuss tomorrow.

HEALTH and SAFETY

LAND's most recent summary of daily H&S activities is included as **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

LAND requested modification to BOD discharge criterion based on last BOD result. NYSDEC has forwarded the request to DOW, waiting on response.

REMEDIAL ACTION

OU02

1. Water treatment status – Have been transporting treated water to Village WWTP. Village will take 21,000 gallons per day, which means well point pumps are turned off at night due to storage restraints. Starting/stopping well point pumping is providing localized dewatering effects only.
2. Confirmation Samples – Three out of 5 confirmation samples from the 9.5' deep cut failed for select VOCs and/or total PAHs. This area was partially backfilled after sample collection to prevent excavation from structural failure. Today setting up for next excavation section of OU02 and will collect samples from 4.5 ft deep at completed section. Chased visually impacted soil a small amount on west side of railroad tracks and visual contamination cleared up quickly, need to add samples to this area that were not included on the approved sampling plan drawing.
3. Additional excavation of sidewall seeps near OU01: This will be discussed further to allow decision regarding chasing or not, and/or placing a demarcation barrier (possibly different than Aquablok used at OU03), etc. In general, chase areas prior to collecting samples, regroup/discuss if the contamination doesn't appear to end, so that project can keep moving.
4. Demarcation/Barrier layer at 9.5' cut - need to discuss the proper barrier material for the area, may be different from OU3 based on observed groundwater inflow toward brook.
5. Need to start getting grain size testing results for backfill, 1 sample / 1000 cubic yards. LAND may pre-sample some source piles. May be able to bring it to a DOT yard for a quick test.
6. Culvert/pipe observed under the railroad tracks – Both ends were found, temporarily plugged, will permanently plug with hydraulic cement.
7. Sewer force main location – design drawings showing where it was planned to be installed are available. Actual location could be as far as 40 feet from centerline of tracks, but don't know how deep. If proposed sewer manhole can be shifted closer to the railroad, we may be in the clear, but the force main should be found to be sure. At 40-feet it may still be within railroad right of way.
8. Meeting with Village today at 2:00 PM to further discuss PCO #3.

OU03

1. Sediment Confirmation Update. Results received so far from OU03 (7 dredge areas) meet the cleanup criteria, remainder will be collected today. Documentation sampling of perimeter wedge areas will start today.
2. ISS – LAND's modified approach – will discuss this separate from the meeting.
3. Starting demobilization activities: decontaminating some scows now, demobilization of some frac tanks, will remove tent structure, maybe crane and WWTP once all confirmation samples are received. Scheduled to be mostly done at OU3 by end of October including grading, may need to wait until next spring for final plantings and asphalt (pending how late asphalt plants stay open).

INTERACTION with THE COMMUNITY

Nuisance item (odor, sheen, noise) update: No complaints have been noted since last progress meeting. No activity at the motel with regards to construction.

OPEN DISCUSSION

High school interaction session is scheduled for September 14, eight or nine students on-site. May need some extra H&S gear. Sarah will share recent email from the school explaining what they're looking for. MACTEC has begun work on poster boards.

NEW ACTION ITEMS

LAND

1. Get started on grain size testing results for OU03 backfill.
2. Continue demobilization activities as necessary at OU03.
3. Following this afternoon's meeting, complete / provide DEC a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents.
4. Provide survey results as available for confirmation sampling at OU02.
5. Continue correspondence with National Grid.

MACTEC

1. Complete review of CAP 4.
2. Prepare Change Order No. 1.
3. Prepare Poster Boards.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 11 is scheduled for Thursday, September 6, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.


ADJOURNMENT

Progress Meeting No. 10 adjourned at approximately 11:05 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 9/7/18

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

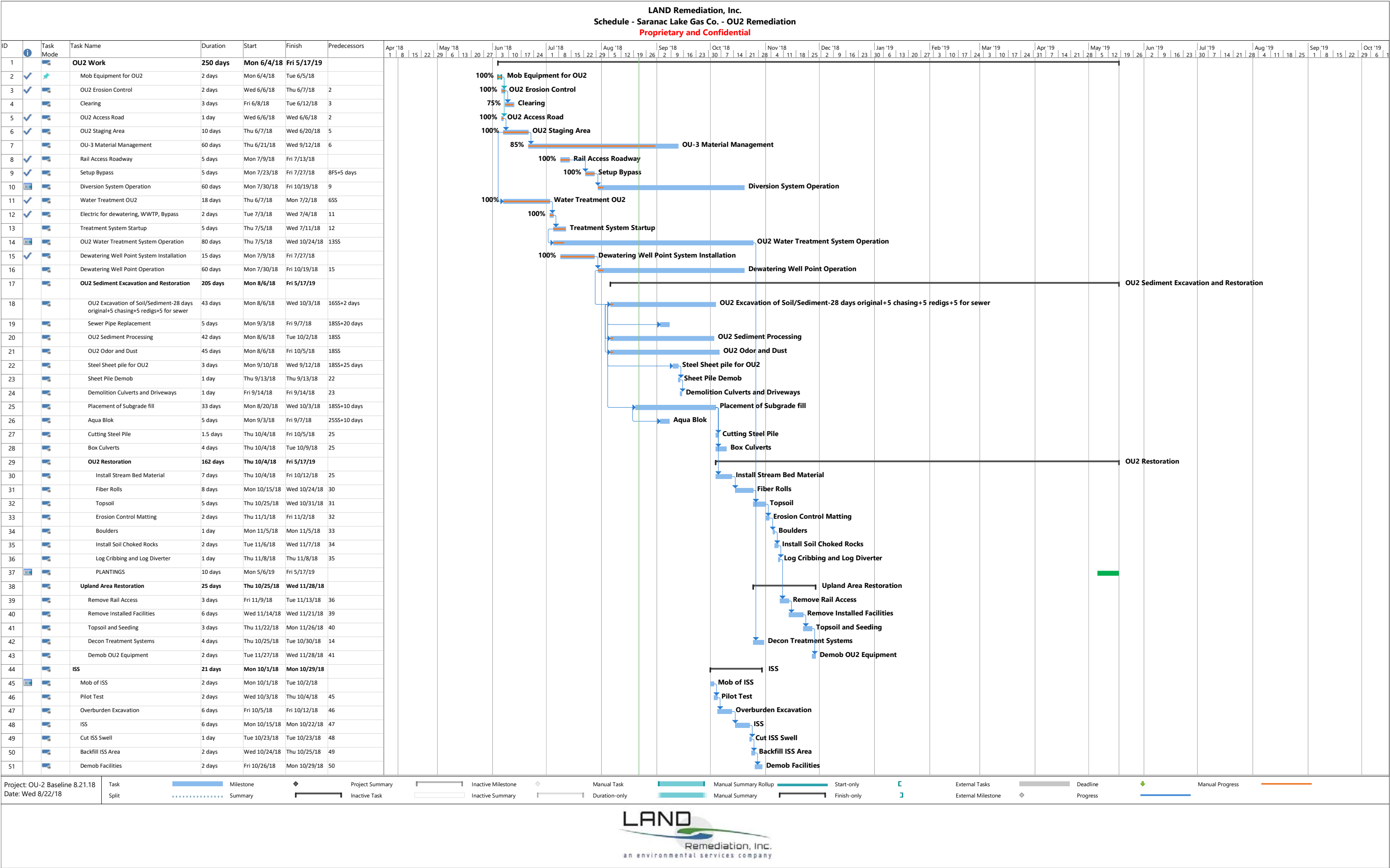
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

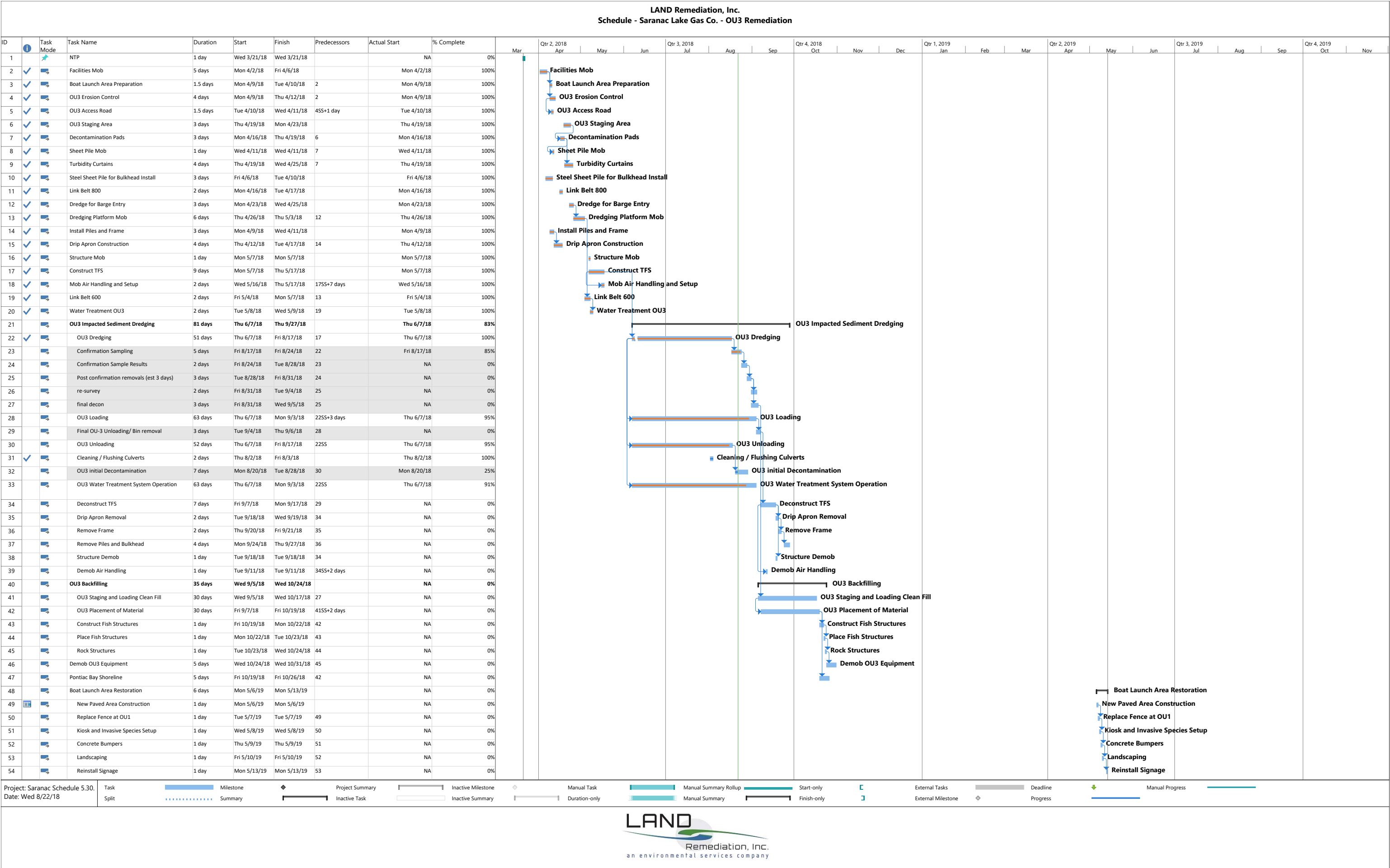
Progress Meeting No. 10 (8-23-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks						
		August																												September						
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	OU3 - Dredging	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8
38	Clean up Dredging/ Unloading																																			
39	Soil Loadout																																			
40	Confirmation Sampling																																			
41	Final Sample Results																																			
42	Decontamination																																			
43	Confirmation Result Clean up Dredge																																			
44	Re-Survey																																			
45	Re-sample																																			
46	Final Decon																																			
47	Slope Sampling																																			
48	Backfill																																			
	OU2 - Support and Preparation																																			
10	Water Treatment Plant Operation																																			
11	OU-2 Excavation																																			
12	OU-2 Confirmation Sampling																																			
13	OU-2 subgrade Fill																																			
14	Sewer Line Remove and Reset																																			

Upcoming Activities Pending :

a bay backfill





Attachment 2

Contractor Health and Safety Activities - Daily Summaries

**Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3
146 River Street
Saranac Lake, NY**

Monday (08/06/2018)

Land Remediation Work Description: Continuing to dredge 7 ½ Ft cut in Pontiac Bay. Emptying and mixing scows with Portland Type III cement. TDI hauling water offsite. OU1/OU2 – Continuing excavation of creek (OU2). Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety meeting topic was ways to prevent back injuries in the workplace. OU1/OU2 – Use spotters on crane mat road. Deploy foam if necessary.

Daily Safety Observation: There is a low-cut stump in front of the trash dumpster. This is in a high traffic area and poses a tripping hazard. Placed a traffic high viz barrel of the stump

Tuesday (08/07/2018)

Land Remediation Work Description: Dredging 7 ½ FT Cut area continuing. Truck load out. TDI onsite to load out water from frac tank. Mixing and emptying scows with Portland Type III cement. Entered blue open top water tank to change out bag filter. Proper PPE was used, 5 gas meter was used to monitor air while the entrant was in the tank. An attendant was posted. Confine space form was filled out. OU1/OU2 – Started well point system. Continuing excavation of creek (OU2). Continuing water treatment. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was Hand injury prevention. Stressed to the crew the importance of wearing their work gloves. Traffic control hazard – between the hours of 7-8 AM the sun is directly in the eyes of motorist traveling west. Asked the traffic control personnel to be extra vigilant when stopping westbound traffic.

Daily Safety Observation: Communication issue. Radio was not on when the boat driver needed to communicate to the barge. It is important to always have your radio on, volume turned up and tuned to the correct channel.

Wednesday (08/08/2018)

Land Remediation Work Description: Started Clean up dredging operations. Dewatering and emptying scows. Mixing Portland Type III cement into material. Adler moved 2 frac tanks offsite. OU1/OU2 – Excavating to subgrade in creek area (OU2). Treating water. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was communicating safety issues. Cement driver had no PPE on. Remember to make sure all visitors have their PPE on. OU1 – Be aware of possible pedestrians on track road. Use spotter to back truck down mat road during excavation operations.

Daily Safety Observation: Watch for the bind spots by the TFS entry doors when trucks and heavy equipment enters the structure.

Thursday (08/09/2018)

Land Remediation Work Description: Clean up dredging continuing in Pontiac Bay. Mixing Portland cement and stacking material. Dewatering and emptying scows. OU1/OU2 – Continuing excavating operations of creek at OU2. Dewatering excavation as needed. TDI onsite to empty frac tank. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was power cords & GFCI safety. OU1/OU2 – Make sure a GFCI is used when using a small generator. Stay back (6FT) from excavation edges.

Daily Safety Observation: Found a board with nails sticking up. This can create a puncture injury. Please make sure to check all boards and pallets for protruding nails. If you see any, please use a hammer and nail them down.

Friday (08/10/2018)

Land Remediation Work Description: Clean up dredging operations continuing. Truck load out to landfill. Dewatering scows, mixing Portland cement with materials. OU1/OU2 – Began clean up pass at excavation OU2. Well point system running. Treating water as needed. TDI onsite to empty frac tank. Conducted air monitoring in work zones and perimeter area with CAMP stations.

Daily Safety Meeting Topic: Safety talk topic was Seatbelt safety on the road and on the jobsite. OU1/OU2 – Be careful walking on uneven mats. Watch for hidden trip hazards under poly tarps.

Daily Safety Observation: For new truckers onsite, make sure truck rules are reviewed with the driver – driver signs off.

Saturday (08/11/2018) & Sunday (08/12/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, September 6, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #11 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Cruden, NYSDEC – Bureau Chief
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Kris Keenan, NYSDEC – Construction Inspector*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Matt Pugh, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Manager
- J Olivia Platia, MACTEC – Field Inspector
- J Tyler Lewis, MACTEC – Field Inspector
- J Mark Stelmack, MACTEC– Project Manager
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Tony Delano, MACTEC – Civil Engineer*

* attended via telephone

PREVIOUS MEETING MINUTES

The final Progress Meeting No. 10 minutes with review comments addressed were distributed on September 7.

ACTION ITEM UPDATE

LAND

1. Get started on grain size testing results for OU03 backfill: Some results have come in, more to come.
2. Continue demobilization activities as necessary at OU03: Ongoing.
3. Provide a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents: To be done.
4. Provide survey results as available for confirmation sampling at OU02: Ongoing.
5. Continue correspondence with National Grid: Work order is in place, waiting on payment to take down the pole.

MACTEC

1. Complete review of CAP 4: Reviewed and revised by LAND, will provide to Sarah today.

2. Prepare Change Order No. 1: Underway, nearly complete for Sarah's review.
3. Prepare Poster Boards: Jamie & Sarah discussed yesterday. Will set up review of boards online for quick updates prior to next Friday's student visit.

SCHEDULE

LAND provided revised project schedules on September 5, 2018. See **Attachment 1**.

OU3 – Placed Aquablok this week and starting to backfill. Dismantling and demobilizing equipment. Next couple weeks will continue to backfill, decontaminate and demobilize equipment. Backfill completion scheduled for October 24, 2018 or earlier. Plan to restore boat launch in spring (pavement) but will look into doing it sooner if asphalt plants are open late this season.

OU2 – Actively excavating and discharging treated water. Currently working on location of sanitary sewer pipe removal and replacement. RCM at OU01/02 interface scheduled for week after next, RCM expected to arrive on Monday. Substantial completion scheduled for 11/28/2018.

ADMINISTRATIVE ITEMS

1. Submittals Due:

-) OU-2: OU02 Slide Rail System (in response to PCO #8, in lieu of original sheet pile)
-) OU-3: Ongoing backfill results.

2. Request for Information Status

-) RFI 8 – Request for modified grainsize analysis received from LAND yesterday. MACTEC will respond today, no issues anticipated.

3. Field Orders

-) No new Field Orders are in process.

4. Contract / Proposed Change Orders

-) Reviewed each PCO during the call and revised tracking sheet accordingly.
 - o PCO No.7 will go to DEC for review soon (reviewed drawing during the call). Need to incorporate other RCM areas in this PCO (not just the OU2/OU1 interface).
 - o PCO No.8 is under review by DEC.
 - o PCO No.3 will no longer include jack and bore under railroad tracks, will only include the residential laterals at homes on Brandy Brook Ave.

5. CAPs

-) LAND provided last revision to CAP No. 4 this week, Jamie will forward to Sarah for quick review before signing/finalizing.

HEALTH and SAFETY

LAND requested that OU03 site visits/walkarounds be limited during removal of the TFS.

REGULATORY and ENVIRONMENTAL ITEMS

CAMP monitors have removed from OU03 now that dredging is completed.

BOD discharge limit has been modified by NYSDEC-DOW to 60 mg/kg. Discharge began shortly after the last bi-weekly call. MACTEC will forward lab results as they arrive to Sarah for distribution.

REMEDIAL ACTION

OU02

1. Water treatment status – Treating and discharging. Waiting on BOD from the second sample since discharge started, everything else meets the discharge permit.
2. Confirmation Samples – Four impacted samples No. 53, 3, 4, and 62 require additional excavation and re-sampling as documentation samples (no need to wait for results) prior to backfill. Samples on west side of railroad tracks 164 through 169 are clean.
3. Expect to begin OU1/OU2 interface week after next per PCO-7. Need to incorporate RCM areas other than just OU1/2 interface in PCO-7, such as RCM against railroad tracks.
4. Need to verify that 12-inch diameter pipe under railroad track and pipe at OU1/OU2 interface is plugged with hydraulic cement.
5. The location of the active sanitary sewer force main servicing the federal prison has been determined by recent onsite location investigations conducted by the Village and LAND to be in conflict with jack and bore work for the proposed Village sanitary sewer. Village engineer AES has stated design location of the jack and bore cannot be modified to preclude the conflict. As a result, NYSDEC is deleting the jack and bore portion of the scope of work from PCO 3.

OU03

1. DUSR submittals for confirmation/documentation sampling are due from LAND.
2. ISS – LAND's modified approach is approved as documented in response to RFI 7; existing utility pole relocation is required.
3. Demobilization activities continue.
4. MACTEC/LAND CAD data exchange for soil choked rip rap polylines is ongoing. This will provide LAND with a target for placement of erosion control features shown on Drawings C-502 and C-601.
5. Backfill Discussion – Survey tolerance does not have to be as tight as was used to evaluate dredging results, 15 x 15 feet spacing will be OK.

INTERACTION with THE COMMUNITY

Nuisance item (odor, sheen, noise) update: No complaints have been noted since last progress meeting. No current activity at the Lake Flower Inn with regards to its redevelopment.

OPEN DISCUSSION

90-miler canoe race to finish at green space on other side of boat launch Sunday September 9. Temporary use of the boat launch for that event should not be an issue.

High school students on-site next week, September 14, in the morning. Will have poster boards, presentation, and show some sampling equipment. Will get update on number of students to provide hard hats and vests.

NYSDEC to conduct drone flight/video documentation later today.

Hurricane / bad weather – Keep an eye on weather patterns and be prepared.

NEW ACTION ITEMS

LAND:

1. Prepare river log sections for Adirondack Experience and Historic Saranac Lake.
2. Provide a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents

MACTEC:

1. Follow up with Village regarding its stated intent to field locate laterals for the homes along Brandy Brook Ave.
2. Relative to PCO 4: contact Village consultant Chazen to discuss placement of proposed trees for Prescott Park (ice palace parcel to be on Village (not NYSDEC) property).

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 12 is scheduled for Thursday, September 20, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

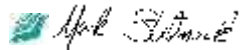
ADJOURNMENT

Progress Meeting No. 11 adjourned at approximately 11:50 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 9/25/18

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

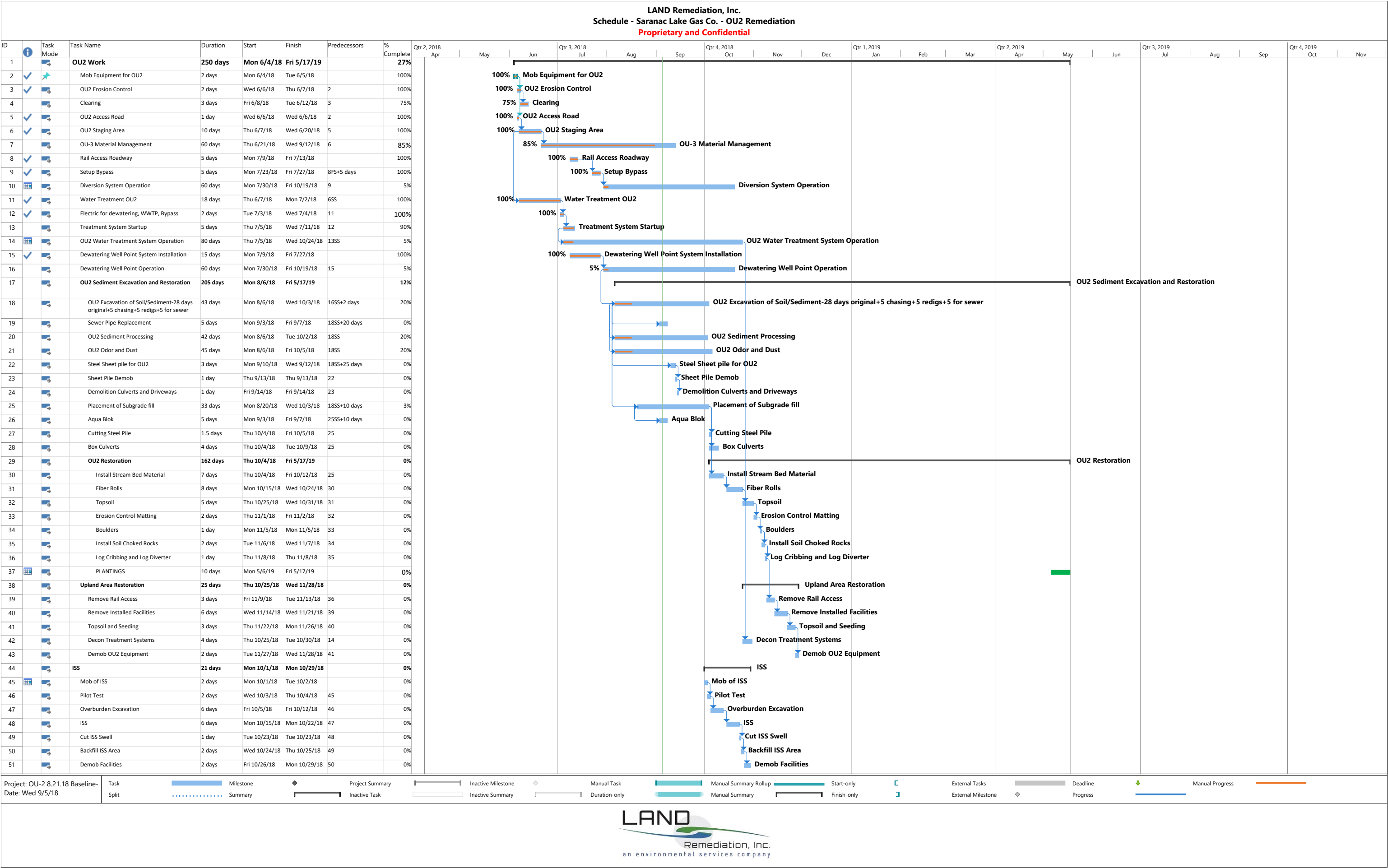
OU02, OU03 Project Schedules

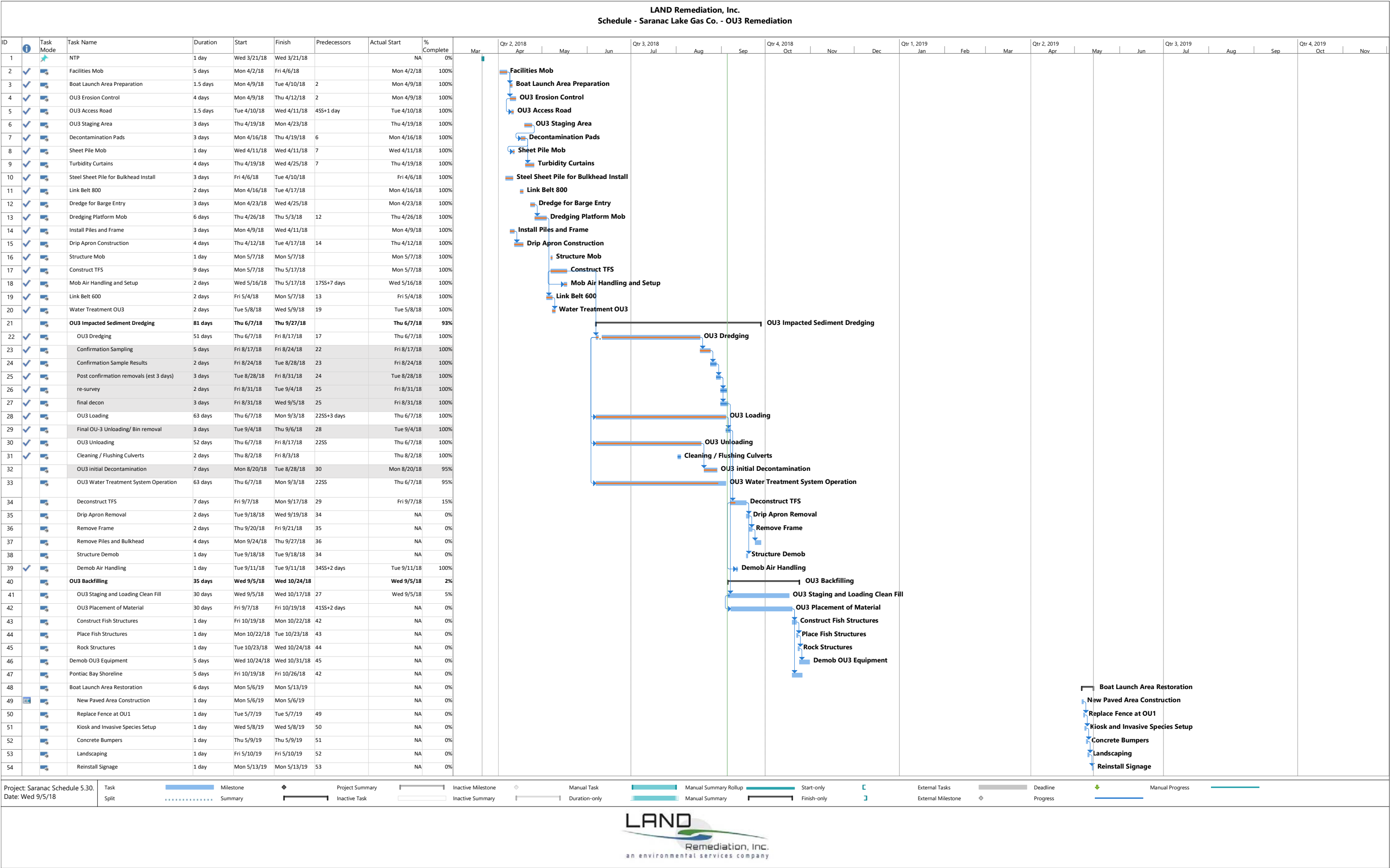
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 11 (9-5-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks						
		August																																		
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	OU3 - Dredging	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
38	Clean up Dredging/ Unloading																																			
39	Soil Loadout																																			
40	Confirmation Sampling																																			
41	Final Sample Results																																			
42	Decontamination																																			
43	Slope Sampling/ results																																			
44	Aquablock																																			
45	Bin dismantle																																			
46	Air handler disconnect power																																			
47	Air handler carbon unit demobe truck (2)																																			
48	Air handler blower truck																																			
49	TFS Dismantle																																			
50	Final Decon																																			
51	Water Treatment Demobilization																																			
52	Crane Demobe																																			
53	Backfill																																			
	OU2 - Support and Preparation																																			
10	Water Treatment Plant Operation																																			
11	OU-2 Excavation																																			
12	OU-2 Confirmation Sampling																																			
13	OU-2 subgrade Fill																																			
14	Sewer Line Remove and Reset																																			
15	RCM/ Re-digs ?																																			

Upcoming Activities Pending :





Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, September 20, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #12 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Cruden, NYSDEC – Bureau Chief
- J Dave Harrington, NYSDEC – Section Chief*
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Kris Keenan, NYSDEC – Construction Inspector
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager *
- J Keith Decker, LAND – Project Director*
- J Bill Carpenter, LAND – Site Safety Officer
- J Jason Raimondi, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Inspector
- J Mark Stelmack, MACTEC– Project Manager*
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Tony Delano, MACTEC – Civil Engineer*
- J Bill Weber, MACTEC – Remediation Engineer*
- J Matt Pugh, MACTEC – Construction Manager*
- J Charles Lyman, MACTEC – Field Inspector

* attended via telephone

PREVIOUS MEETING MINUTES

The final Progress Meeting No. 11 minutes were distributed on 9/25/18.

ACTION ITEM UPDATE

LAND:

1. Prepare river log sections for Adirondack Experience and Historic Saranac Lake: COMPLETE.
2. Provide a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents: Now that laterals are marked out (see MACTEC Action Item Update No. 1 below), Matt W. will get started on the scope of work.

MACTEC:

1. Follow up with Village regarding its intent to field locate laterals for the homes along Brandy Brook Ave.: Laterals have been marked in the street by the Village.
2. Relative to PCO 4 - contact Village consultant Chazen to discuss placement of proposed trees for Prescott Park (ice palace parcel to be on Village (not NYSDEC) property: Email was sent to Village, they are OK with relocating proposed trees, but have a few comments/questions – MACTEC will follow up.

SCHEDULE

LAND provided revised project schedules on September 19, 2018. See **Attachment 1**.

OU3 – Finish placing riprap stone this week. Next week - begin removing scows and other marine items. There's also some water treatment equipment left to get cleaned out and removed, including carbon vessels, clarifier is already off-site.

OU2 – Keep working on RCM and backfill in completed areas. Plan to excavate up to slide rail area and backfill excavations next couple of weeks. Plan to get all subgrade fill placed upstream from railroad culvert, then conduct surface restoration while continuing to excavate in front of Brandy Brook Ave. houses. Plan to be demobilized for the winter by 11/28/2018. (Contract Substantial Completion date is 12/02/18). Currently have 2.5 rolls of RCM left. Wide wetland area downstream of 9.5 foot cut is clean per confirmation sampling. If contamination is encountered in the next 9.5 foot cut (slide rail area), there should be enough remaining RCM. Will make a call to the distributor to see if they have any additional RCM on hand if it is needed. (Note: a call was made by LAND – the response was a one-week lead time.)

ADMINISTRATIVE ITEMS

1. Submittals Due:

-) OU-2: OU02 Slide Rail System (in response to PCO #8, in lieu of original sheet pile)
-) DUSRs for OU03 sediment confirmation samples

2. Request for Information Status

-) No new RFIs since last meeting.

3. Field Orders

-) FO No. 5 issued on 9/11/18 for corrective plan for turbidity. This was put on hold due to change in backfilling (PCO No.6). LAND's position is that installation of the 3rd turbidity curtain is in fact the corrective plan. LAND expects to complete work in the lake by October 8, 2018. De-mob will require boat activity to get all equipment out.

4. Contract / Proposed Change Orders

-) Waiting on response from LAND for PCOs 3, 4, 6, 7 and 8.
-) For ice palace parcel restoration, discussed leaving stone in place for the time being until complete restoration is complete (spring 2019). Will discuss this with Village.

5. CAPs

-) CAP No. 4 finalized and submitted.
-) CAP No. 5 (August) will be submitted by LAND soon.

6. OTHER

-) LAND is working on Columbus Day Oct. 8
-) Utility pole at ISS area will be moved by Nat'l Grid

HEALTH and SAFETY

Dry weather, pay attention to dust control, spraying water at OU02. Expecting some rain tonight that will help with dust.

REGULATORY and ENVIRONMENTAL ITEMS

OU02 discharge samples have been compliant with discharge criteria.

REMEDIAL ACTION

OU02

1. Water treatment status – Treating and discharging, no issues with lab results.
2. Confirmation Samples – Quite a few clean OU02 confirmation samples this week in wide wetland area, waiting on a few more. Did some additional excavation at previously impacted samples No. 53, 3, 4, and 62 and re-sampled. Results of re-samples were clean, however RCM was placed in the vicinity of No. 4 because it still appeared visually impacted.
3. Finishing up with RCM at OU1/OU2 interface this week and will put in upgradient well points later so that they are not in the way of near-term activities.
4. Completed work in the section of the existing sanitary sewer that required replacement.
5. During the meeting in the afternoon following this call it was determined that the Village sewer jack and bore will not be conducted.

OU03

1. There's a transition where backfill was placed and not placed, at which location completed riprap is elevated above the waterline. One solution would be to remove excess riprap from the bay. LAND, MACTEC and DEC will look at area in question after the call.
2. DUSR submittals, LAND will get a progress update.
3. ISS area - existing utility pole relocation should occur soon.
4. Demobilization activities continue, will be able to finish once riprap placement is complete.
5. Certified survey for placement of riprap is being completed today for the portion that is complete. LAND has been doing interim placement monitoring along the way.

COMMUNITY INTERACTION

Monday this week, there was a complaint from Amanda's Village Motel across River Street regarding dust during riprap placement; by the time LAND got back in touch with them they were already pleased that the issue has been taken care of by adding water to the stone.

Saranac Lake High school students would like to come to the Site on October 5, 2018.

OPEN DISCUSSION

Turbidity. DEC's recent drone fly over results appeared to indicate turbidity curtain No. 2 is failing. Curtains are permeable, so some water with very small fines is apparently getting through. DEC is concerned that next fly over may show turbid water outside the third curtain. Additional discussion among the team ensued regarding MACTEC's small scale (using 5-gallon buckets) treatability testing that is underway.

NEW ACTION ITEMS

LAND:

1. Provide a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents.
2. Progress update for DUSR submittal.

MACTEC:

1. Update DEC on the proposed action to address riprap placement above water line.
2. Discuss with DEC support for Saranac Lake High school student visit scheduled for October 5, 2018.
3. Continue discussions with Village regarding new tree location in Prescott Park. Ask Chazen to provide proposed topo CAD file for LAND's use.
4. Discuss with Village leaving stone in place at ice palace parcel over the winter.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 13 is scheduled for Thursday, October 4, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 12 adjourned at approximately 11:15 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 10/05/18

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

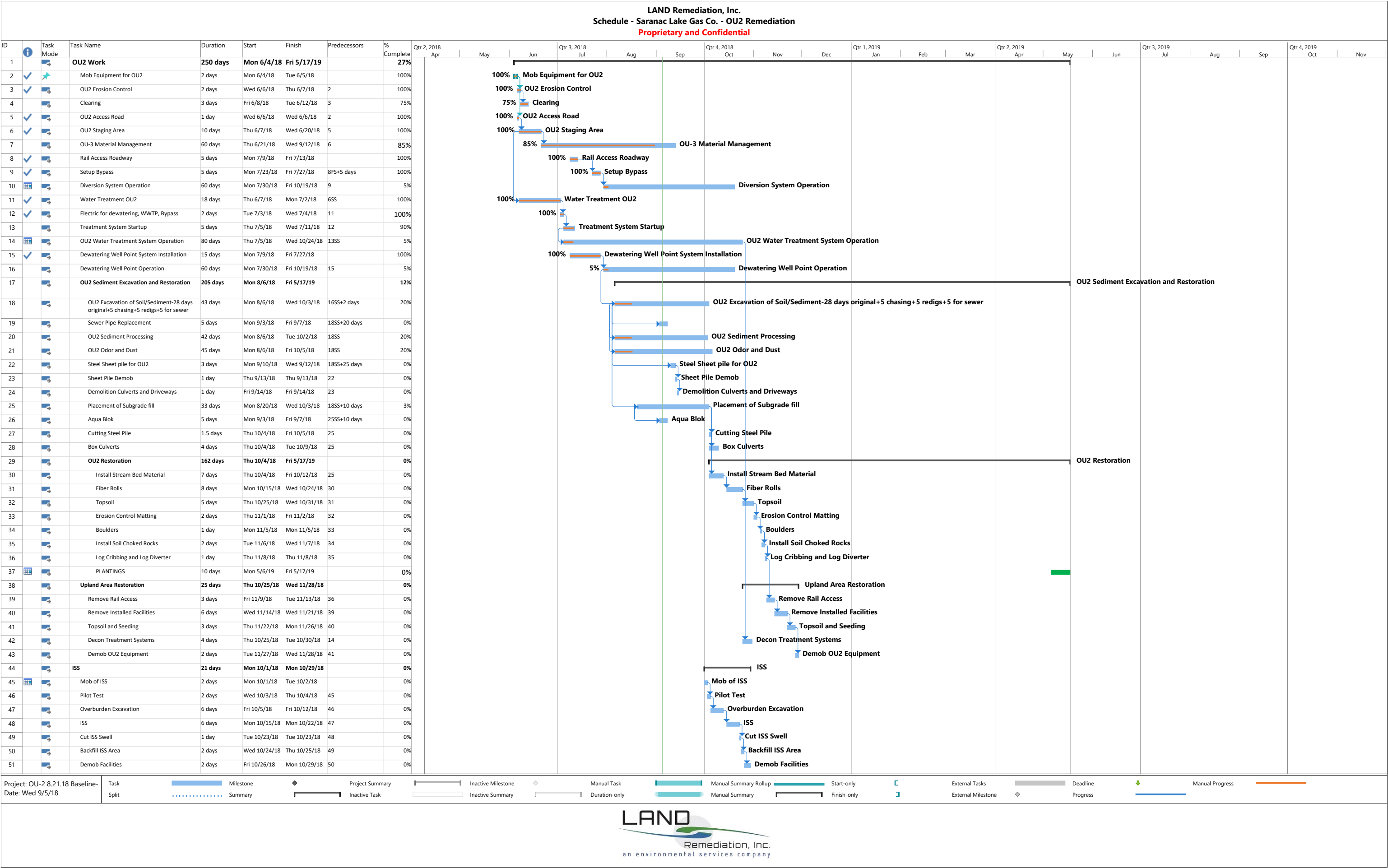
OU02, OU03 Project Schedules

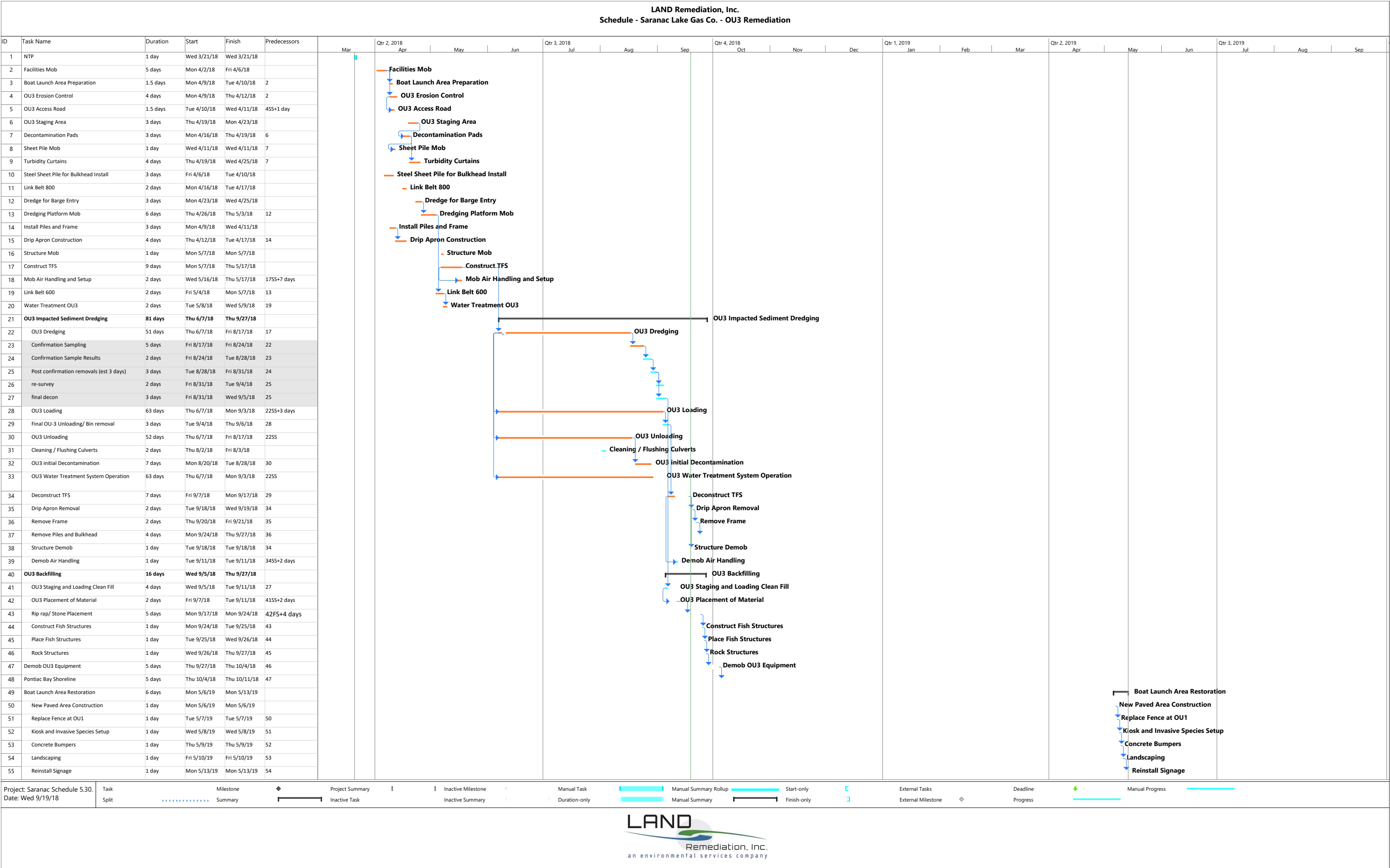
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

Progress Meeting No. 12 (9-19-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks							
		September																																			
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	F	
	OU3 - Dredging	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	
44	Aquablock																																				
47	Air handler carbon unit demobe truck (2)																																				
48	Air handler blower truck																																				
49	TFS Dismantle																																				
50	Final Decon																																				
51	Water Treatment Demobilization																																				
52	Crane Demobe																																				
53	Backfill																																				
54	Stone Placement																																				
55	Crane Remobe																																				
56	Mariene equipment demob																																				
57	Pile extraction																																				
	OU2 - Support and Preparation																																				
10	Water Treatment Plant Operation																																				
11	OU-2 Excavation																																				
12	OU-2 Confirmation Sampling																																				
13	OU-2 subgrade Fill																																				
14	Sewer Line Remove and Reset																																				
15	RCM/ Re-digs																																				
15	RCM Wrap																																				

Upcoming Activities Pending :





Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, October 4, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #13 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Cruden, NYSDEC – Bureau Chief
- J Dave Harrington, NYSDEC – Section Chief
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mike Evens, LAND – OU03 Supervisor
- J Mark Patterson, LAND – ISS Supervisor
- J Chuck Lyman, MACTEC Engineering and Consulting, PC (MACTEC) – Construction Inspector
- J Mark Stelmack, MACTEC– Project Manager
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Bill Weber, MACTEC – Remediation Engineer*
- J Jason Raimondi, MACTEC – Project Engineer*

* attended via telephone

PREVIOUS MEETING MINUTES

The final Progress Meeting No. 12 were finalized and distributed on October 5, 2018.

ACTION ITEM UPDATE

LAND:

1. Provide a summary of work to be done at Brandy Brook Ave. residences with possible dates so DEC can have conversations with the residents.

Tentative meeting scheduled for October 11. Mike McLean (NYSDEC) will be asked to attend. MACTEC to ask AES whether new laterals servicing the unoccupied house are to be live or capped.

2. Progress update for DUSR submittal.

LAND will provide update.

MACTEC:

1. Update DEC on the proposed action to address riprap placement above water line.

MACTEC will direct LAND to regrade the riprap in place.

2. Discuss with DEC support for Saranac Lake High school student visit scheduled for October 5, 2018.

Complete. MATEC brought hard hats, safety glasses, and shirts.

3. Continue discussions with Village regarding new tree location in Prescott Park. Ask for proposed topo CAD file for LAND's use.

MACTEC will request CAD file and coordinate with Jamie Konkoski regarding new tree location.

4. Discuss with Village leaving stone in place at ice palace parcel over the winter.

MACTEC will schedule an onsite meeting with the Village to discuss. Try to set up for afternoon of next progress meeting.

SCHEDULE

LAND provided revised project schedules on October 03, 2018. See **Attachment 1**.

OU3 – Equipment demobilization continuing. Turbid lake water treatment is underway as of this morning.

OU2 – Currently working behind Mason property. Backfilling and excavation in progress. Three extra roles of RCM are on order as the remaining amount is to be used along the northeast wall of excavation starting at approximately 8+30.

Will excavate top couple feet of the deep cut area, and then start beginning slide rail system. Rails will not allow to dig much deeper than 9 feet, but because sloping will not be required excavation can get closer to the railroad than what was done at previous deep cut.

ISS – Equipment coming Monday for ISS area for the pilot test. Owner/redeveloper is OK with access. The existing building will still be in place, will work around it.

ADMINISTRATIVE ITEMS

1. Submittals Due:

) OU-2: OU02 Slide Rail System (in response to PCO #8, in lieu of original sheet pile):
MACTEC response submitted to LAND on 10/3.

) Winter Inspection Plan is due 21 days prior to winter shutdown; the Plan is to include a description of means and methods to be employed during the winter to control erosion of project surfaces including the Brandy Brook stream bed.

) LAND will provide final surface survey for OU03 with CAP 5.

2. Request for Information Status

) Response to RFI No. 09 provided on Sept.27, for modifications of sampling for imported material.

3. Field Orders

) No new FOs since last meeting.

4. Contract / Proposed Change Orders

) Waiting on response from LAND for PCOs 3, 4, 6, 7, 8 and new PCO 9.

) NYSDEC is reviewing CO #1 - includes PCOs 1, 2, and 5.

) For ice palace parcel restoration, discussed leaving stone in place for the time being until complete restoration is complete (Spring 2019). Will discuss this with Village.

5. CAPs

) CAP No. 5 (August expenditures) will be submitted by LAND soon.

6. OTHER

) LAND is working on Columbus Day Oct. 8

HEALTH and SAFETY

LAND's Health and Safety activity summary is provided in **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

OU02 water treatment effluent sampling – currently awaiting result of a re-sample resulting from previous SVOC criteria exceedance.

REMEDIAL ACTION

OU02

1. Water treatment status – Treating and discharging, awaiting re-sample results for SVOC exceedance.
2. Confirmation Samples – Placing RCM along NE sidewall starting at ~8+30 due to continued visual impacts after excavating an additional 2 feet. LAND has ordered additional 3 rolls of RCM.

OU03

1. DUSR submittals, LAND will provide a progress update.
2. ISS area – LAND to bring equipment to site next week.
3. Treating turbid bay water. First turbidity curtain has been removed.
4. Equipment demobilization activities continue.

COMMUNITY INTERACTION

Saranac High School students coming to the Site tomorrow, October 5, 2018 for project presentation.

OPEN DISCUSSION

None.

NEW ACTION ITEMS

LAND:

-) PCO responses
-) Submit CAP No. 5 and OU03 survey

MACTEC:

-) set up meeting with Village for ice palace parcel discussion
-) confirm meeting to discuss work in front of Brandy Brook Ave. houses and associated plumbing
-) further review/discussion with NYSDEC regarding Brandy Brook Stream Bed Material (cost differential requires a PCO?)

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 14 is scheduled for Thursday, October 18, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

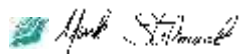
ADJOURNMENT

Progress Meeting No. 13 adjourned at approximately 10:55 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 10/22/2018

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

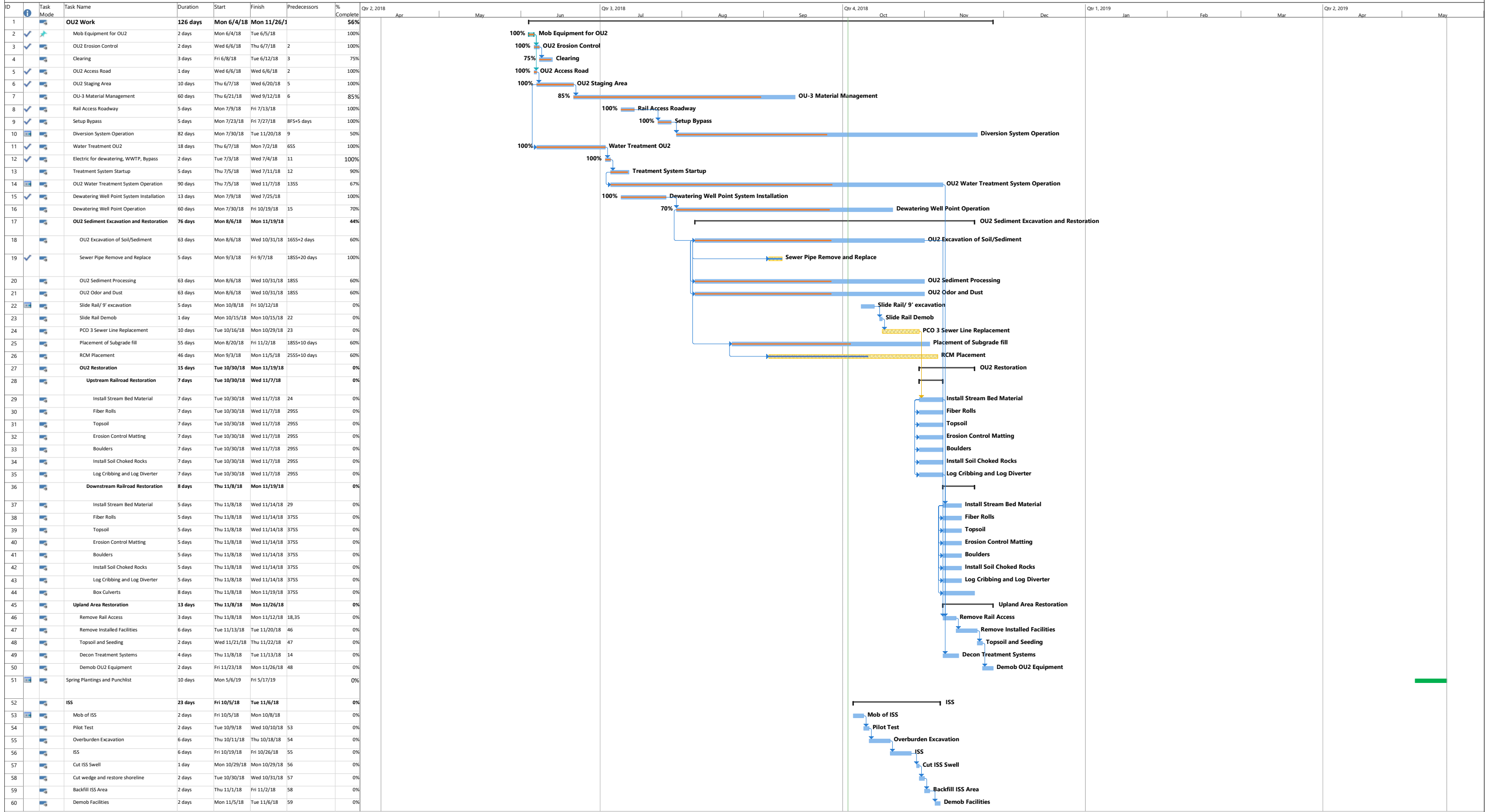
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

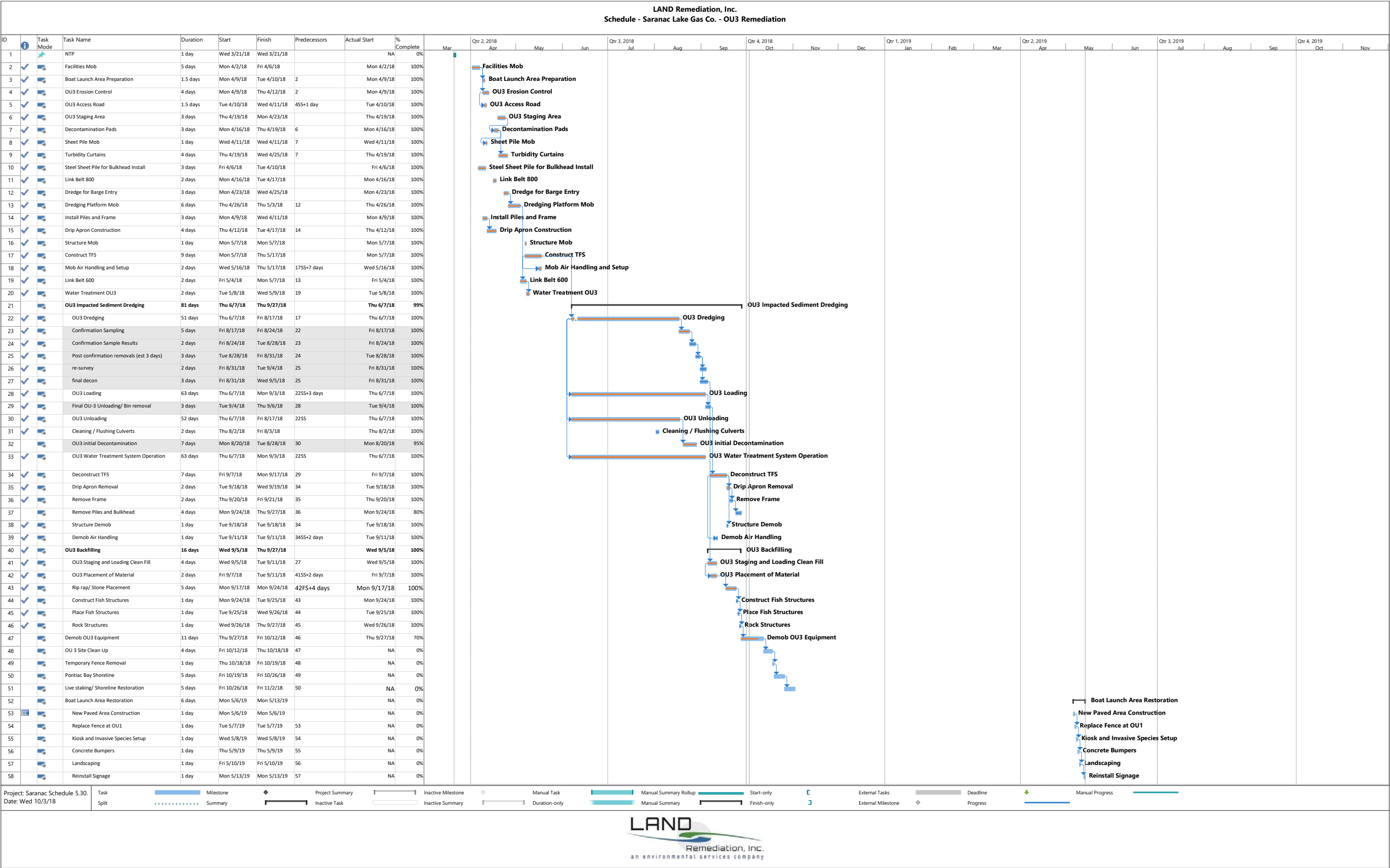
Progress Meeting No. 13 (10-4-2018)

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Upcoming Activities Pending :

LAND Remediation, Inc.
Schedule - Saranac Lake Gas Co. - OU2 Remediation
Proprietary and Confidential





Attachment 2

Contractor Health and Safety Activities - Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU3 & OU2
146 River Street
Saranac Lake, NY

Monday (09/24/2018)

Land Remediation Work Description: Backfilling brook continuing. Receiving clean fill deliveries. Dewatering excavation areas. OU3- Prep site for crane activities. Load out bin blocks. Prep scows for decon.

Daily Safety Meeting Topic: Addressing unsafe conditions in the workplace. Speak up if you see an unsafe condition or act. OU3 - Don't get complacent during demobilization activities. Don't let your guard down, stay focus.

Daily Safety Observation: Watch step in freshly placed backfill, soft areas (Brandy Brook bed)

Tuesday (09/25/2018)

Land Remediation Work Description: Continuing backfilling brook. Started fusing 2 inch pipe for dewatering operations. OU3- J & J Crane onsite. Started crane pick scows and floats. Deconing scows and floats. Turbidity tech onsite to setup 4th buoy.

Daily Safety Meeting Topic: Reviewed lift plan with crew. Windy conditions. Plan crane pick accordingly.

Daily Safety Observation: Wear face shields when deconing scows.

Wednesday (09/26/2018)

Land Remediation Work Description: Continuing backfilling Brandy Brook. Treating and dewatering areas of Brandy Brook. OU3 - Continuing crane operations. Loading trucks with scows and float to be transported off site.

Daily Safety Meeting Topic: Reviewed crane operations and hazards. Rainy conditions today. Watch footing onsite, used GFCIs when needed.

Daily Safety Observation: Watch for slippery muddy conditions in the decon areas.

Thursday (09/27/2018)

Land Remediation Work Description: Restarted excavation of Brandy Brook. Dewatering and treating water. OU3 – Continuing crane operations. Loading out scow and floats. Deconing floats. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Reviewed crane activities and hazards for the day. Loading scows and floats on to trucks. Make sure spotters are used. Work traffic plan. Wet conditions – watch for slips and falls in muddy areas. Be alert to possible thunderstorms in the area.

Daily Safety Observation: Watch for pinch and crush points during truck loading operations.

Friday (09/28/2018)

Land Remediation Work Description: Continuing excavation at Brandy Brook. Dewatering excavation. OU3 – Received Link Belt 330 excavator. Walked 330 onto dredge platform. Started pulling piles from the lake. Loaded out Link Belt 600, taken offsite. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Reviewed JSA for dewatering operations. Friday focus. Keep focus on safety.

Daily Safety Observation: Wet muddy conditions. Watch for slips and fall hazards around the excavation areas.

Saturday (09/29/2018) & Sunday (09/30/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, October 18, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #14 Minutes

FINAL

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Cruden, NYSDEC – Bureau Chief
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J John Nead, NYSDEC – Construction Inspector
- J Kris Keenan, NYSDEC – Construction Inspector*
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Mark Stelmack, MACTEC Engineering and Consulting, PC (MACTEC) – Project Manager
- J Jason Raimondi, MACTEC – Project Engineer
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Matt Pugh, MACTEC – Construction Manager*

* attended via telephone

PREVIOUS MEETING MINUTES

The final Progress Meeting No. 13 minutes were finalized and distributed on October 22, 2018.

ACTION ITEM UPDATE

LAND:

- J PCO responses – Several responses have come in from LAND the past week, other responses are being prepared.
- J Submit CAP No. 5 and OU03 survey – Submitted.

MACTEC:

- J Set up meeting with Village for ice palace parcel discussion – Scheduled for 1:30PM today.
- J Confirm meeting to discuss work in front of Brandy Brook Ave. houses and associated plumbing – Meeting took place last week, some concerns/requests from residents are being addressed.
- J Further review/discussion with NYSDEC regarding Brandy Brook Stream Bed Material (cost differential requires a PCO?) – Still in discussion.

SCHEDULE

LAND provided revised project schedules on October 17, 2018. See **Attachment 1**.

OU3 – Cleanup activities:

-) contract Substantial Completion date is December 2, 2018
-) upland restoration activities will be conducted into November
-) meeting later today with the Village to discuss winter plan for ice palace property
-) additional restoration activities - including asphalt paving at boat launch property – are planned for spring 2019. DEC may want to combine 1-inch overlay with full-depth asphalt treatment in designated areas – to be discussed.

OU2:

-) Continue excavation, backfilling, RCM placement.
-) Currently working in the deep cut / slide rail system area.
-) Next week may be working along Brandy Brook Ave.
-) Prep for sanitary sewer work - Village has marked existing piping, proposed layout to be discussed with Village at onsite meeting this afternoon) and potentially begin sewer work last week of October. Need to finalize plans, changes, etc., based on potential design issues discussed last week.

ISS:

-) pilot test this week
-) UST not found
-) full ISS starts next week - still need to move electric service utility pole, LAND has been talking to several people at National Grid, the problem is with National Grid issuing an invoice. DEC has offered to get involved (Note: the issue was cleared up and service wires and pole had been removed by 10/22/18).

ADMINISTRATIVE ITEMS

1. Submittals Due:

-) Winter Inspection Plan is due 21 days prior to winter shutdown; the Plan is to include a description of means and methods to be employed during the winter to control erosion of project surfaces including the Brandy Brook stream bed. LAND reports that it has completed a draft which is under its internal review.
-) DUSR submittal (OU-3 confirmation/documentation samples). Should see this shortly.

2. Request for Information Status

-) MACTEC response to RFI No. 10 - approval of the modified mixing approach and the ten-foot buffer - is being prepared (Note: the response was provided to LAND on 10/19/18).

3. Field Orders

-) FO No. 7 for over-placement of riprap - associated with PCO 4 & PCO 6 Rev-1 - was issued on 10/15/18.

4. Contract / Proposed Change Orders

-) Waiting on response from LAND for PCOs 3, 6, and 9.
-) MACTEC/DEC to review LAND responses to PCOs 4, 7, and 8.
-) LAND submitted final costs for PCO 5, reviewed/discussed with MACTEC, working on revised costs.
-) NYSDEC is reviewing CO #1 - includes PCOs 1, 2 (partially), and 5.

5. CAPs

-) CAP No. 5 submitted by LAND, under review.

HEALTH and SAFETY

LAND's Health and Safety activity summary is provided in **Attachment 2**.

REGULATORY and ENVIRONMENTAL ITEMS

OU02 water treatment effluent sampling – recent results, since last backwash are good.

REMEDIAL ACTION

OU02

1. Water treatment status – Treating and discharging, recent data looks good. May need to consider heat tracing some piping.
2. Confirmation Samples – Recent samples up to slide rail system were clean, collected a set at the northeastern end of slide rail while installing on Monday, which were slightly odorous, no results yet.
3. Continue working in slide rail area. Planning on placing RCM around that corner, need to be careful that it doesn't impact planned area for the sewer line. Down to one roll of RCM, don't anticipate needing any along Brandy Brook Ave. LAND will check on cost of a single roll with delivery, could possibly use Aquablok (have some left on site), instead depending on the site condition.

OU03

1. DUSR submittal needed.
2. Cleanup activities.
3. Meeting with village to discuss restoration. Note: Based on meeting on the afternoon of October 18, 2018, the area will be rough graded for the winter. Topsoil/seeding to be placed in 2019.

ISS

1. Did not find potential UST, not going to chase this further.

2. Identified some potential ACM piping (Note: upon consulting with MACTEC's certified ACM specialist, it was determined that the small section of pipe is responsibility of property owner, as noted in OU02 Daily Report No. 47.
3. Utility pole needs to be removed.

COMMUNITY INTERACTION

Nothing to report.

OPEN DISCUSSION

None.

NEW ACTION ITEMS

LAND:

-) PCO responses for PCO No. 3, 6 and 9.
-) Submit DUSR Report for OU-3 samples.
-) Submit Winter Inspection Plan.

MACTEC:

-) Review PCO 4, 7, 8.
-) Review CAP No.5.
-) Further review/discussion with NYSDEC regarding Brandy Brook Stream Bed Material (cost differential requires a PCO?)

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 15 is scheduled for Thursday, November 1, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

ADJOURNMENT

Progress Meeting No. 14 adjourned at approximately 11:02 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 11/01/2018

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

and

OU02, OU03 Project Schedules

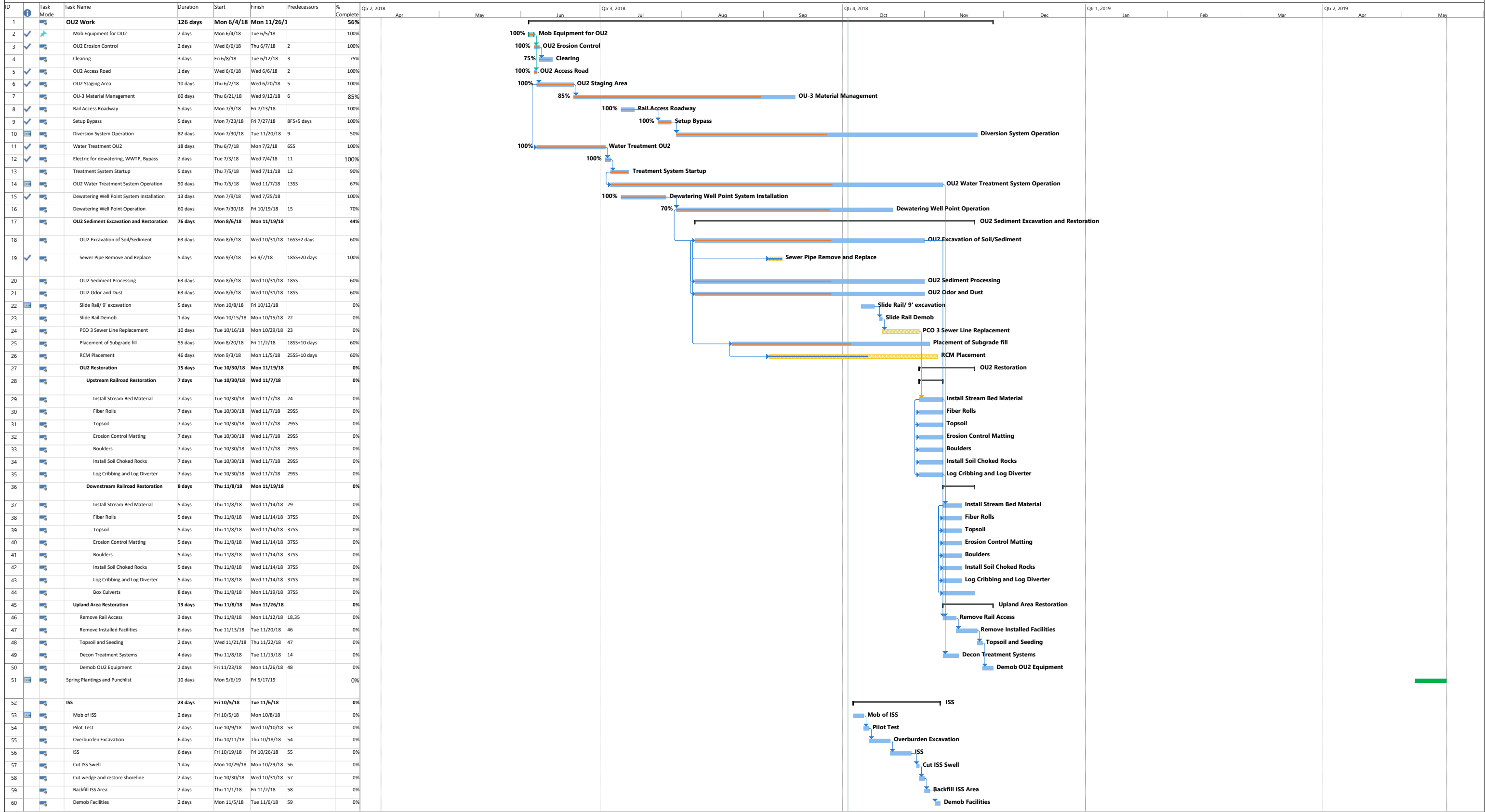
NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY

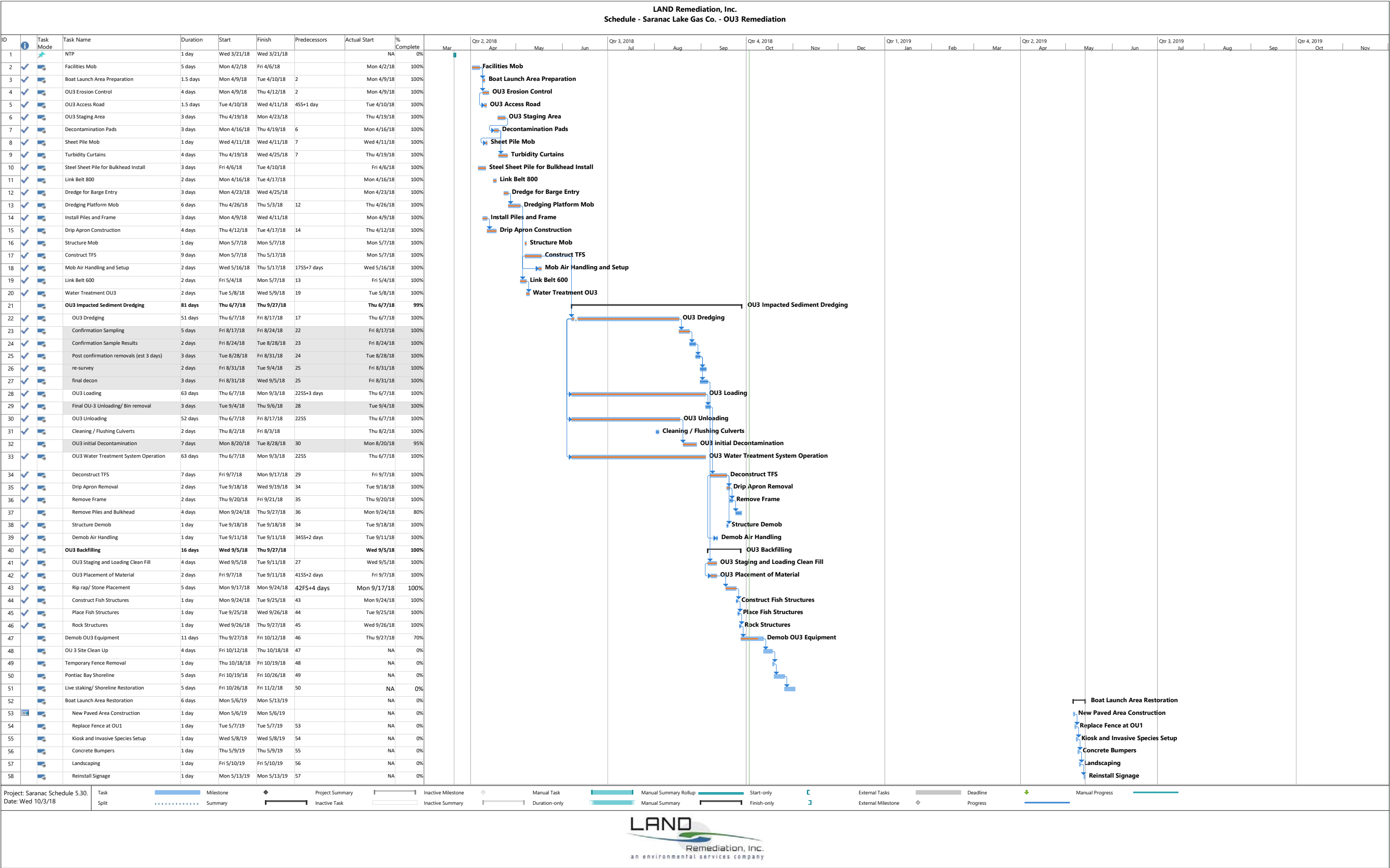
Progress Meeting No. 14 (10-18-2018)

		Previous Week							Last Week							This Week							Next Week							2 Weeks						
			October																													November				
	Task	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa	Su	M	T	W	Th	F	Sa
	OU3 - Dredging	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3
51	Water Treatment Demobilization																																			
52	Crane Demobe																																			
54	Stone Placement																																			
55	Crane Remobe																																			
56	Marine equipment demob																																			
57	Pile extraction																																			
58	Alum Treatment Set up																																			
59	Alum Treatment Operation (assumed 5 day duration)																																			
60	Alum Treatment Demob																																			
61	Pull Remaining Curtains																																			
62	Clean up/ Demobe/ Interim Restoration																																			
63	Live Stakes																																			
	OU2 - Support and Preparation																																			
10	Water Treatment Plant Operation																																			
11	OU-2 Excavation																																			
12	OU-2 Confirmation Sampling																																			
13	OU-2 subgrade Fill																																			
15	RCM/ Re-digs																																			
1	Backfill to 9' Excavation																																			
2	Slide Rail/ 9' Excavation																																			
3	Expose Existing Sewer POC (LAND Scope)																																			
4	Layout and Meeting Onsite (per Mactec)																																			
5	Locate Sewer/ Water Services																																			
6	New 8" Sewer Line Install (Pending Sub Availability)																																			
7	Downstream of tracks Excavation Preparation (Pipe Fusion, Driveway Crossings,etc)																																			
8	Brandy Brook Ave OU-2 Excavations																																			
10	Sewer/ Water Lines- Concurrent with LAND Excavations																																			
	ISS																																			
1	Mobilization/ Set Up ISS Equipment																																			
3	Pilot Test and first break results																																			
4	Overburden Excavation																																			
5	Locate and Remove UST																																			
6	ISS																																			
7	Cut ISS Swell																																			
8	Cut wedge and restore shoreline																																			
9	Demobe Equipment																																			

Upcoming Activities Pending :

LAND Remediation, Inc.
Schedule - Saranac Lake Gas Co. - OU2 Remediation
Proprietary and Confidential





Attachment 2

Contractor Health and Safety Activities - Daily Summaries



Weekly Health and Safety Summary
Land Remediation, Inc.
NYSDEC-Saranac Lake OU2 – OU3
146 River Street
Saranac Lake, NY

Monday (10/8/2018)

Land Remediation Work Description: Continuing backfilling Brandy Brook. Dewatering brook excavation. Treating water. OU3 – Pump down frac tanks, disassembling water treatment tank. Loading out last (6) flexi floats. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Hand injury prevention. 360-degree awareness during today's crane pick.

Daily Safety Observation: Make sure everyone watches their footing around the edge of Brandy Brook.

Tuesday (10/9/2018)

Land Remediation Work Description: Continuing backfilling Brandy Brook. Dewatering brook excavation. Treating water. OU3 – Disassembling support pier. Komatsu 360 excavator delivered. Pull (3) vertical piles. 800 Excavator's stick was loaded off site.

Daily Safety Meeting Topic: Good housekeeping practices on construction sites. Careful of muscle strains during the workday. Be sure to stretch before lifting materials. Always lift with your legs, not your back.

Daily Safety Observation: Make sure truck drivers have their PPE on when they leave their trucks.

Wednesday (10/10/2018)

Land Remediation Work Description: Excavating Brandy Brook at section 9 + 50. Dewatering sections of Brandy Brook. Treating water. Delivery of Portland cement. OU3 – Loaded out 2 Constantine trucks with mats and steel. Pulled (3) piles. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Spoke on power tool safety. Movax operations PPE. Make sure to wear hearing protection.

Daily Safety Observation: Watch out for metal edge/shavings around the lip of the hopper, made by the excavator bucket. These sharp edges can create a cut hazard to arms and hands. Be sure to file down loose metal edges.

Thursday (10/11/2018)

Land Remediation Work Description: Excavation continuing in Brandy Brook at Pine St. Truck load out at OU1. OU3 – Contractor Sales and Luck Brothers onsite to disassemble 800 excavator. Deconstructed and loaded out decon pad. National Fence onsite to take down barrier fence on River & Flower Lake Rds. Filling super sacs for ISS operations. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Spoke on the importance of making walk around safety checks before operating equipment. Crane operations, watch pinch points and slippery conditions.

Daily Safety Observation: Slip hazards, watch your step when walking on the crane mats due to wet leaves.

Friday (10/12/2018)

Land Remediation Work Description: Continuing excavation in at Brandy Brook. Truck load out at OU1. Mixing and stacking materials in bins, OU1. Conducted maintenance on well bypass system. OU3 – TDI onsite to pump down purity tanks. Dispose of excess curtain. Conducted air monitoring in work zones and perimeter areas with CAMP stations.

Daily Safety Meeting Topic: Dust mask – respirator safety. Possible strong winds today. Be mindful of flying particles and debris. Make sure all potential airborne materials are secured.

Daily Safety Observation: Place fencing at Brandy Brook bank, along Pine St.

Saturday (10/13/2018) & Sunday (10/14/2018) No site work conducted.

Saranac Lake Gas Co. Site – Remedial Action
Contract Number: D010663 NYSDEC Site # 516008
Date: Thursday, November 1, 2018
Time: 10:00 AM
Location: Conference Call

Progress Meeting #15 Minutes

SIGN IN

- J Sarah Saucier, New York State Department of Environmental Conservation (NYSDEC) - Project Manager (PM)
- J Mike Cruden, NYSDEC – Bureau Chief
- J Dave Harrington, NYSDEC-Section Chief
- J Russ Huyck, NYSDEC Region 5 – Remediation Engineer
- J Matt Warren, Land Remediation, Inc. (LAND) – Assistant Project Manager (PM)
- J Will Lindheimer, LAND - Project Manager
- J Jason Raimondi, MACTEC Engineering and Consulting, PC (MACTEC) – Project Engineer
- J Mark Stelmack, MACTEC – Project Manager*
- J Jamie Welch, MACTEC – Environmental Engineer*
- J Mark Peters, MACTEC – Remediation Engineer*
- J Matt Pugh, MACTEC – Construction Manager*

* attended via telephone

PREVIOUS MEETING MINUTES

The final Progress Meeting No. 14 minutes were distributed on 11/1/18.

ACTION ITEM UPDATE

LAND:

- J LAND is preparing PCO responses for PCO Nos. 3, 6, and 9.
- J Submit DUSR Report for OU-3 confirmation samples: LAND's subcontractor is working on this.
- J LAND will finalize and submit Winter Inspection Plan.

MACTEC:

- J Review PCO 4, 7, 8: Completed by MACTEC, being reviewed by DEC.
- J Review CAP No.5: Completed by MACTEC, being reviewed by DEC, however, LAND is revising based on discussions between LAND and DEC regarding dredging volumes.
- J PCO 11 will be issued today regarding Brandy Brook Stream Bed Material.

SCHEDULE

Did not receive updated schedules from LAND at this meeting. Note: LAND provided an updated schedule (**Attachment 1**) subsequent to the meeting. The updated schedule shows OU02 excavation, backfill, and stream restoration activities continuing into early December. Contract Substantial Completion date is December 2, 2018.

OU3 – Cleanup activities:

-) Need to finish up electrical work (next week)
-) By November 12 – Ice palace parcel to be ready for winter shutdown and use by the Village, including placement of topsoil (since corrected by Field Order No. 9 which directs placement of topsoil to occur in Spring 2019).

OU2:

-) Excavations at slide rail area are complete
-) Currently excavating on west side of railroad culvert
-) LAND is working on finding a new peat source (last one failed for hex chrome) for addition to wetland topsoil
-) Working on locating sewer lines to the Brandy Brook Ave. homes to assist with replacing the laterals, found one that is a few inches below the excavation area
-) Expect to be finished brook restoration upstream of the railroad culvert prior to Thanksgiving week and completing work downstream of the railroad culvert (residential areas) during/after Thanksgiving week.

ISS:

-) Expect to finishing mixing this week, area restoration next week
-) Need to locate area of trees to be planted, using ten-foot buffer strip between ISS area and water's edge.

ADMINISTRATIVE ITEMS

1. Submittals Due:

-) Winter Inspection Plan is due 21 days prior to winter shutdown; the Plan is to include a description of means and methods to be employed during the winter to control erosion of project surfaces including the Brandy Brook stream bed. LAND reports that it has completed a draft which is under its internal review.
-) DUSR submittal (OU03 confirmation/documentation samples). LAND's subcontractor is preparing.

2. Request for Information Status

-) RFI-11 issued 10/31/18 - No removal of soil from within the railroad culvert will be undertaken, work done in the area will be field directed. Alternatives were discussed during the meeting based on inspection of the area this morning.

3. Field Orders

-) No new field orders have been issued since the last meeting.

4. Contract / Proposed Change Orders

-) New PCO 10 for Wetland Organic Content was issued to LAND on 10/31/18.
-) New PCO 11 for Streambed Material to be issued this week (issued on 11/02/18).
-) Waiting on response from LAND for PCOs 3, 6, and 9.
-) MACTEC reviewed LAND responses to PCOs 4, 7, and 8 - currently under review by DEC.
-) LAND submitted final costs for PCO 5, reviewed/discussed with MACTEC, working on revised costs.
-) MACTEC working on a revision to CO #1 to include agreed upon claim items, and will likely add PCOs 4 and 7, pending DEC's review of PCOs. These items are in addition to select line items from PCO Nos. 1, 2, and 5.

5. CAPs

-) CAP No. 5 (August work items) reviewed by MACTEC, with DEC for review, but LAND is revising to reflect discussions between LAND and DEC regarding dredging volumes. MACTEC and LAND to discuss applicable survey points for CAP 5.
-) CAP No. 6 expected to be submitted within the next week or two.

HEALTH and SAFETY

Daylight savings time change this weekend, getting darker earlier. Be careful working under utility wires near homes on Brandy Brook Ave.

REGULATORY and ENVIRONMENTAL ITEMS

Recent OU02 water treatment effluent sampling – had a TDS exceedance of 10% which is acceptable per the permit.

REMEDIAL ACTION

OU02

1. Water treatment status – Treating and discharging, recent data is permit-compliant. May need to consider heat tracing some piping.
2. Confirmation Samples – Slide rail area samples are all in. RCM placed accordingly in areas that were above criteria. Waiting on sample results for areas beyond slide rail.

OU03

1. DUSR submittal needed.
2. Cleanup/housekeeping activities ongoing.
3. Electrical work (replacement of wiring and kiosk) to be completed next week.

ISS

1. Mixing to be completed this week with area restoration next week.

COMMUNITY INTERACTION

Nothing to report.

OPEN DISCUSSION

None.

NEW ACTION ITEMS

LAND:

-) PCO responses for PCO No. 3, 6, and 9.
-) Submit DUSR Report for OU03 samples.
-) Submit Winter Inspection Plan.
-) Submit revised CAP 5, and CAP 6.

MACTEC:

-) Revise CO No. 1.

NEXT SCHEDULED PROGRESS MEETING

Progress Meeting No. 16 is scheduled for Thursday, November 15, 2018 at 10:00 AM. A recurring meeting invitation has been distributed via email.

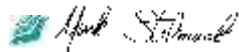
ADJOURNMENT

Progress Meeting No. 15 adjourned at approximately 11:05 AM.

Submitted by: Mark Stelmack, MACTEC

Dated 11/16/2018

Signed:



Attachment 1

Schedule of Previous and Near-Term Work Items

NYSDEC - OU2 and OU3 Remediation - Saranac Lake, NY
(11-10-2018)

[illegible]