SIVE, PAGET & RIESEL P.C.

Allison Sloto
(646) 378-7270
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March 19, 2019

VIA FEDEX
Chief, Site Control Section
Division of Environmental Remediation
New York State Dept. of Environmental Conservation
625 Broadway
Albany, New York 12233-1500

Re: 14 Le Count Standard Printing, Site No. C360176 -- BCA Amendment
Re-Determination Confirming Eligibility for Tangible Property Tax Credits

Dear Chief of Site Control Section,

Please find enclosed a BCA Amendment Form for the above-referenced Site. We have been advised by NYSDEC to submit a BCA Amendment Form to seek a re-determination confirming eligibility for the Tangible Property Tax Credits after discovering multiple exceedences of SCOs during the remedial investigation.

Contamination was found onsite exceeding both the unrestricted use and restricted residential standards for SVOCs and metals in soil throughout the Site. In support of this Amendment request, attached to the Form are a Map showing the location, type, and amount of exceedences, as well as a Data Usability Summary Report confirming the data shown on the Map.

If you have any questions or comments, please feel free to reach out to me. Thank you very much for your assistance in this matter.

Sincerely,

Allison Sloto

Allison Sloto

Enclosure

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

BROWNFIELD CLEANUP PROGRAM (BCP) APPLICATION TO AMEND BROWNFIELD CLEANUP AGREEMENT AND AMENDMENT

PART I. BROWNFIELD CLEANUP AGREEMENT AMENDMENT APPLICATION

Check the appropriate box below based on the nature of the amendment modification requested:

☐ Amendment to [check one or more boxes below]

- ☐ Add
- ☐ Substitute
- ☐ Remove
- ☐ Change in Name

applicant(s) to the existing Brownfield Cleanup Agreement [*Complete Section I-IV below and Part II*]

Does this proposed amendment involve a transfer of title to all or part of the brownfield site? ☐ Yes ☑ No

If yes, pursuant to 6 NYCRR Part 375-1.11(d), a Change of Use form should have been previously submitted. If not, please submit this form with this Amendment. See http://www.dec.ny.gov/chemical/76250.html

☐ Amendment to modify description of the property(ies) listed in the existing Brownfield Cleanup Agreement [*Complete Sections I and V below and Part II*]

☐ Amendment to Expand or Reduce property boundaries of the property(ies) listed in the existing Brownfield Cleanup Agreement [*Complete Section I and V below and Part II*]

☐ **Sites in Bronx, Kings, New York, Queens, or Richmond counties ONLY:** Amendment to request determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit. Please answer questions on the supplement at the end of the form.

☑ Other (explain in detail below)

Please provide a brief narrative on the nature of the amendment:

We have been advised by NYSDEC to submit a BCA Amendment Application to seek re-evaluation of the Site's eligibility for the Tangible Property Tax Credits. See Exhibit A.

During the remedial investigation, contamination was found onsite exceeding both the unrestricted use and restricted residential standards for SVOCs and metals in soil throughout the Site. See Soil Boring Map at Exhibit B. The Data Usability Summary Report at Exhibit C confirms all data for contaminant exceedences shown on the Map.

Therefore, we request a re-determination confirming eligibility for the Tangible Property Tax Credits.

Please refer to the attached instructions for guidance on filling out this application

Section I. Existing Agreement Information		
BCP SITE NAME: 14 Le Count Standard Printing		BCP SITE NUMBER: C360176
NAME OF CURRENT APPLICANT(S): 14 Le Count Place LLC, WBLM 14 Le Count Place Owner LLC		
INDEX NUMBER OF EXISTING AGREEMENT: C360176-0818		DATE OF EXISTING AGREEMENT: 9/19/18
Section II. New Requestor Information (if no change to Current Applicant, skip to Section V)		
NAME		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

Is the requestor authorized to conduct business in New York State (NYS)? ☐ Yes ☐ No

- If the requestor is a Corporation, LLC, LLP or other entity requiring authorization from the NYS Department of State to conduct business in NYS, the requestor's name must appear, exactly as given above, in the NYS Department of State's (DOS) Corporation & Business Entity Database. A print-out of entity information from the DOS database must be submitted to DEC with the application, to document that the applicant is authorized to do business in NYS.

NAME OF NEW REQUESTOR'S REPRESENTATIVE		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
NAME OF NEW REQUESTOR'S CONSULTANT (if applicable)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
NAME OF NEW REQUESTOR'S ATTORNEY (if applicable)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

Requestor must submit proof that the party signing this Application and Amendment has the authority to bind the Requestor. This would be documentation from corporate organizational papers, which are updated, showing the authority to bind the corporation, or a Corporate Resolution showing the same, or an Operating Agreement or Resolution for an LLC. Is this proof attached? ☐ Yes ☐ No

Describe Requestor's Relationship to Existing Applicant:

Section III. Current Property Owner/Operator Information (only include if new owner/operator or new existing owner/operator information is provided, and highlight new information)		
OWNER'S NAME (if different from requestor)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL
OPERATOR'S NAME (if different from requestor or owner)		
ADDRESS		
CITY/TOWN		ZIP CODE
PHONE	FAX	E-MAIL

Section IV. Eligibility Information for New Requestor (Please refer to ECL § 27-1407 for more detail)

If answering "yes" to any of the following questions, please provide an explanation as an attachment.

1. Are any enforcement actions pending against the requestor regarding this site? ☐ Yes ☐ No

2. Is the requestor presently subject to an existing order for the investigation, removal or remediation relating to contamination at the site? ☐ Yes ☐ No

3. Is the requestor subject to an outstanding claim by the Spill Fund for this site? ☐ Yes ☐ No
   Any questions regarding whether a party is subject to a spill claim should be discussed with the Spill Fund Administrator.

4. Has the requestor been determined in an administrative, civil or criminal proceeding to be in violation of i) any provision of the subject law; ii) any order or determination; iii) any regulation implementing ECL Article 27 Title 14; or iv) any similar statute, regulation of the state or federal government? If so, provide an explanation on a separate attachment. ☐ Yes ☐ No

5. Has the requestor previously been denied entry to the BCP? If so, include information relative to the application, such as name, address, Department assigned site number, the reason for denial, and other relevant information. ☐ Yes ☐ No

6. Has the requestor been found in a civil proceeding to have committed a negligent or intentionally tortious act involving the handling, storing, treating, disposing or transporting of contaminants? ☐ Yes ☐ No

7. Has the requestor been convicted of a criminal offense i) involving the handling, storing, treating, disposing or transporting of contaminants; or ii) that involves a violent felony, fraud, bribery, perjury, theft, or offense against public administration (as that term is used in Article 195 of the Penal Law) under federal law or the laws of any state? ☐ Yes ☐ No

8. Has the requestor knowingly falsified statements or concealed material facts in any matter within the jurisdiction of the Department, or submitted a false statement or made use of or made a false statement in connection with any document or application submitted to the Department? ☐ Yes ☐ No

9. Is the requestor an individual or entity of the type set forth in ECL 27-1407.9(f) that committed an act or failed to act, and such act or failure to act could be the basis for denial of a BCP application? ☐ Yes ☐ No

10. Was the requestor's participation in any remedial program under DEC's oversight terminated by DEC or by a court for failure to substantially comply with an agreement or order? ☐ Yes ☐ No

11. Are there any unregistered bulk storage tanks on-site which require registration? ☐ Yes ☐ No

THE NEW REQUESTOR MUST CERTIFY THAT IT IS EITHER A PARTICIPANT OR VOLUNTEER IN ACCORDANCE WITH ECL §27-1405 (1) BY CHECKING ONE OF THE BOXES BELOW:

☐ PARTICIPANT	☐ VOLUNTEER
A requestor who either 1) was the owner of the site at the time of the disposal of contamination or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of contamination.	A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the disposal of hazardous waste or discharge of petroleum. NOTE: By checking this box, a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site certifies that he/she has exercised appropriate care with respect to the hazardous waste found at the facility by taking reasonable steps to: i) stop any continuing discharge; ii) prevent any threatened future release; iii) prevent or limit human, environmental, or natural resource exposure to any previously released hazardous waste. **If a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site, submit a statement describing why you should be considered a volunteer – be specific as to the appropriate care taken.**

Requestor's Relationship to Property (check one):

☐ Prior Owner ☐ Current Owner ☐ Potential /Future Purchaser ☐ Other_____

If requestor is not the current site owner, **proof of site access sufficient to complete the remediation must be submitted**. Proof must show that the requestor will have access to the property before signing the BCA and throughout the BCP project, including the ability to place an easement on the site Is this proof attached? ☐ Yes ☐ No

Note: a purchase contract does not suffice as proof of access.

Section V. Property description and description of changes/additions/reductions (if applicable)

ADDRESS

CITY/TOWN ZIP CODE

TAX BLOCK AND LOT (TBL) (in existing agreement)

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage

Check appropriate boxes below:

☐ Changes to metes and bounds description or TBL correction

☐ Addition of property (may require additional citizen participation depending on the nature of the expansion – see attached instructions)

Approximate acreage added:_____

ADDITIONAL PARCELS:

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage

☐ Reduction of property

Approximate acreage removed: _____

PARCELS REMOVED:

Parcel Address	Parcel No.	Section No.	Block No.	Lot No.	Acreage

If requesting to modify a metes and bounds description or requesting changes to the boundaries of a site, please attach a revised metes and bounds description, survey, or acceptable site map to this application.

Supplement to the Application To Amend Brownfield Cleanup Agreement And Amendment - Questions for Sites Seeking Tangible Property Credits in New York City ONLY.

Property is in Bronx, Kings, New York, Queens, or Richmond counties.	☐ Yes ☐ No
Requestor seeks a determination that the site is eligible for the tangible property credit component of the brownfield redevelopment tax credit.	☐ Yes ☐ No

Please answer questions below and provide documentation necessary to support answers.

1. Is at least 50% of the site area located within an environmental zone pursuant to Tax Law 21(6)? Please see DEC's website for more information. ☐ Yes ☐ No

2. Is the property upside down as defined below? ☐ Yes ☐ No

From ECL 27-1405(31):

"Upside down" shall mean a property where the projected and incurred cost of the investigation and remediation which is protective for the anticipated use of the property equals or exceeds seventy-five percent of its independent appraised value, as of the date of submission of the application for participation in the brownfield cleanup program, developed under the hypothetical condition that the property is not contaminated.

3. Is the project an affordable housing project as defined below? ☐ Yes ☐ No

From 6 NYCRR 375- 3.2(a) as of August 12, 2016:

(a) "Affordable housing project" means, for purposes of this part, title fourteen of article twenty seven of the environmental conservation law and section twenty-one of the tax law only, a project that is developed for residential use or mixed residential use that must include affordable residential rental units and/or affordable home ownership units.

(1) Affordable residential rental projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which defines (i) a percentage of the residential rental units in the affordable housing project to be dedicated to (ii) tenants at a defined maximum percentage of the area median income based on the occupants' households annual gross income.

(2) Affordable home ownership projects under this subdivision must be subject to a federal, state, or local government housing agency's affordable housing program, or a local government's regulatory agreement or legally binding restriction, which sets affordable units aside for home owners at a defined maximum percentage of the area median income.

(3) "Area median income" means, for purposes of this subdivision, the area median income for the primary metropolitan statistical area, or for the county if located outside a metropolitan statistical area, as determined by the United States department of housing and urban development, or its successor, for a family of four, as adjusted for family size.

PART II. BROWNFIELD CLEANUP PROGRAM AMENDMENT

Existing Agreement Information	
BCP SITE NAME: 14 Le Count Standard Printing	BCP SITE NUMBER: C360176
NAME OF CURRENT APPLICANT(S): 14 Le Count Place LLC, WBLM 14 Le Count Owner LLC	
INDEX NUMBER OF EXISTING AGREEMENT: C360176-0818	
EFFECTIVE DATE OF EXISTING AGREEMENT: 9/19/18	

Declaration of Amendment:

By the Requestor(s) and/or Applicant(s) signatures below, and subsequent signature by the Department, the above application to amend the Brownfield Cleanup Agreement described above is hereby approved. This Amendment is made in accordance with and subject to all of the BCA and all applicable guidance, regulations and state laws applicable thereto. All other substantive and procedural terms of the Agreement will remain unchanged and in full force and effect regarding the parties to the Agreement.

Nothing contained herein constitutes a waiver by the Department or the State of New York of any rights held in accordance with the Agreement or any applicable state and/or federal law or a release for any party from any obligations held under the Agreement or those same laws.

Statement of Certification and Signatures: **New Requestor(s) (if applicable)**

(Individual)

I hereby affirm that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____Signature: _____

Print Name:_____

(Entity)

I hereby affirm that I am (title_____) of (entity_____); that I am authorized by that entity to make this application; that this application was prepared by me or under my supervision and direction; and that information provided on this form and its attachments is true and complete to the best of my knowledge and belief. I am aware that any false statement made herein is punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.
_____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: _____Signature: _____

Print Name:_____

Statement of Certification and Signatures: Existing Applicant(s) (an authorized representative of each applicant must sign)

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date:_____ Signature:_____

Print Name:_____

(Entity)

I hereby affirm that I am Authorized Signatory (title) of 14 Le Count Place LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. _____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 3/18/2019 Signature: _____

Print Name: William G. Balter

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either 1) was the owner of the site at the time of the disposal of contamination or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement:

Signature by the Department:

DATED:

MAY 2 2019

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By: _____

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

Statement of Certification and Signatures: Existing Applicant(s) (an authorized representative of each applicant must sign)

(Individual)

I hereby affirm that I am a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. My signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date:_____ Signature:_____

Print Name:_____

(Entity)

I hereby affirm that I am Authorized Signatory (title) of WBLM 14 Le Count Owner LLC (entity) which is a party to the Brownfield Cleanup Agreement and/or Application referenced in Section I above and that I am aware of this Application for an Amendment to that Agreement and/or Application. _____ signature below constitutes the requisite approval for the amendment to the BCA Application, which will be effective upon signature by the Department.

Date: 3/18/2019 Signature: _____

Print Name: William G. Balter

REMAINDER OF THIS AMENDMENT WILL BE COMPLETED SOLELY BY THE DEPARTMENT

Status of Agreement:

☐ PARTICIPANT A requestor who either 1) was the owner of the site at the time of the disposal of contamination or 2) is otherwise a person responsible for the contamination, unless the liability arises solely as a result of ownership, operation of, or involvement with the site subsequent to the disposal of contamination.	☐ VOLUNTEER A requestor other than a participant, including a requestor whose liability arises solely as a result of ownership, operation of or involvement with the site subsequent to the contamination.

Effective Date of the Original Agreement:

Signature by the Department:

DATED:

MAY 2 2019

NEW YORK STATE DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

By: _____

Michael J. Ryan, P.E., Director
Division of Environmental Remediation

SUBMITTAL INFORMATION:

- **Two (2)** copies, one hard copy with original signatures and one electronic copy in Portable Document Format (PDF) must be sent to:

  Chief, Site Control Section
  New York State Department of Environmental Conservation
  Division of Environmental Remediation
  625 Broadway
  Albany, NY 12233-7020

FOR DEPARTMENT USE ONLY

BCP SITE T&A CODE:_____ **LEAD OFFICE:**_____

PROJECT MANAGER:_____

Exhibit A

From: Michael Bogin
To: Andaloro, Jennifer A (DEC)
Subject: RE: 14 LeCount Standard Printing BCP Site
Date: Friday, March 01, 2019 2:49:34 PM
Attachments: image001.png
image002.png
10100 SOIL BORING DATA-FIG 4.2.pdf

Jen—

We've completed much of the soil sampling as part of the RI on the 14 LeCount site and are in the process of having our data validated. But in the meantime, I'd like to discuss the attached spider diagram with you, which shows numerous exceedances of both the unrestricted use and restricted residential standards for various SVOCs and metals in soil throughout the site. I'd also like to discuss the process for asking the Department to give us the "re-evaluation" described below. We are getting close to closings with the affordable housing financing, and that closing will depend on the re-evaluation.

Are you free to talk early next week on Monday or Tuesday?

Michael Bogin
SIVE PAGET & RIESEL P.C.
560 Lexington Avenue, 15th Floor
New York, NY 10022
Direct: 646 378-7210
Gen: 212 421-2150
Fax: 212 421-1891
mbogin@sprlaw.com
www.sprlaw.com

From: Andaloro, Jennifer A (DEC) <jennifer.andaloro@dec.ny.gov>
Sent: Wednesday, September 12, 2018 11:55 AM
To: Michael Bogin <mbogin@sprlaw.com>
Subject: RE: 14 LeCount Standard Printing BCP Site

Michael,

As discussed, if contamination above relevant SCOs is found during the Remedial

Investigation the Department would re-evaluate the eligibility of TPCs.

Hope this is helpful and please let me know if you need anything further.

Jennifer Andaloro

Associate Attorney, Office of General Counsel

New York State Department of Environmental Conservation

625 Broadway, 14th Floor
Albany, NY 12233-1500
P: (518) 402-9185 | F: (518) 402-9018 | Jennifer.andaloro@dec.ny.gov

www.dec.ny.gov | | |

From: Michael Bogin [mailto:mbogin@sprlaw.com]
Sent: Tuesday, September 11, 2018 6:07 PM
To: Andaloro, Jennifer A (DEC) <jennifer.andaloro@dec.ny.gov>
Subject: RE: 14 LeCount Standard Printing BCP Site

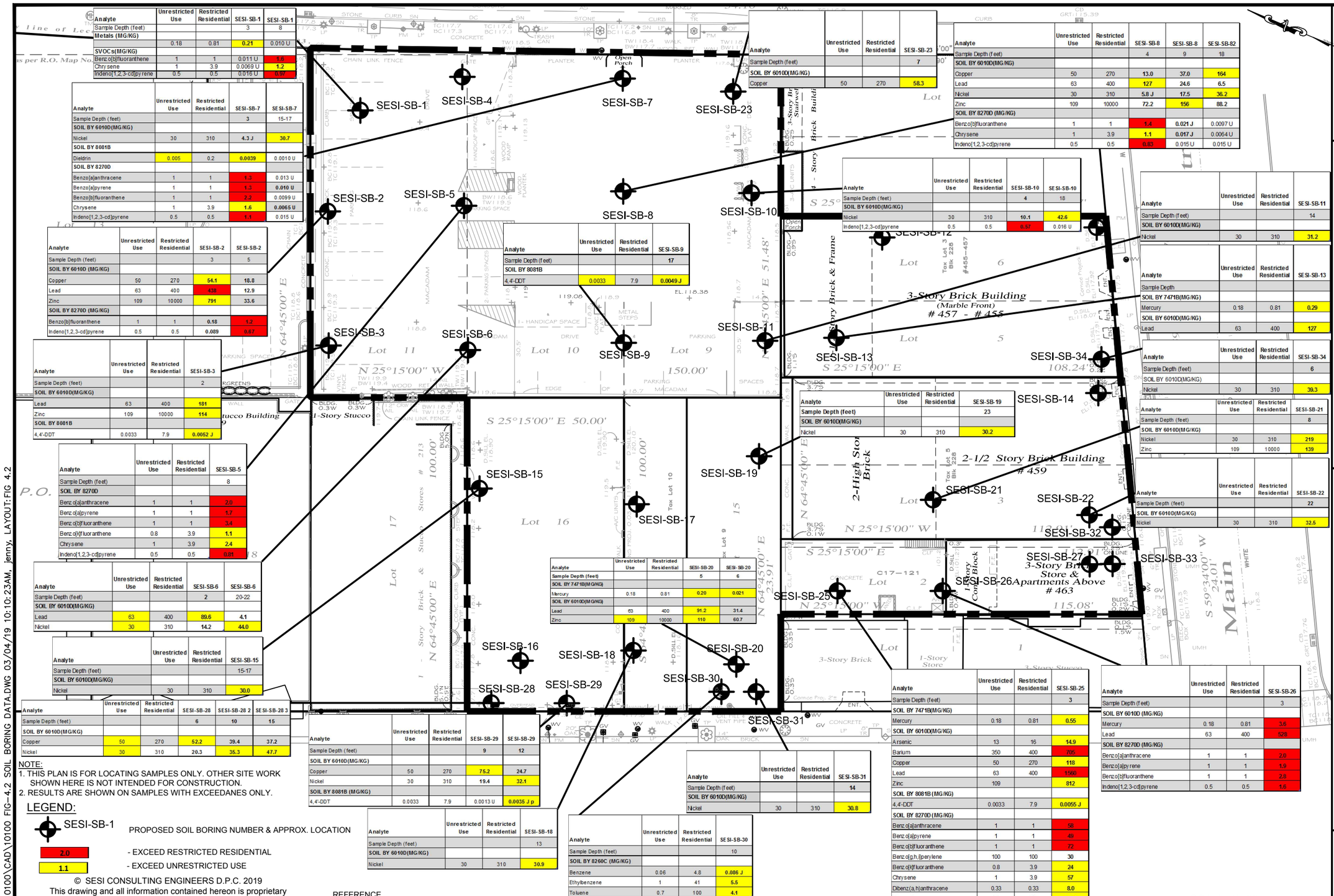
Jen—

Any word back on whether we can get that email acknowledging that the documented presence of contaminated soil above an applicable standard will result in qualification for the QTP, even if not related to the soil vapor exceedances?

Thanks,

Michael Bogin
SIVE PAGET & RIESEL P.C.
560 Lexington Avenue, 15th Floor
New York, NY 10022
Direct: 646 378-7210

Exhibit B



Analyte	Unrestricted Use	Restricted Residential	SESI-SB-1	SESI-SB-1
Sample Depth (feet)			3	8
Metals (MG/KG)				
	0.18	0.81	0.21	0.010 U
SVOCs(MG/KG)				
Benzo[b]fluoranthene	1	1	0.011 U	1.6
Chrysene	1	3.9	0.0069 U	1.2
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.015 U	0.97

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-7	SESI-SB-7
Sample Depth (feet)			3	15-17
SOIL BY 6010D(MG/KG)				
Nickel	30	310	4.3 J	30.7
SOIL BY 8081B				
Dieldrin	0.005	0.2	0.0039	0.0010 U
SOIL BY 8270D				
Benzo[a]anthracene	1	1	1.3	0.013 U
Benzo[a]pyrene	1	1	1.3	0.010 U
Benzo[b]fluoranthene	1	1	2.2	0.0099 U
Chrysene	1	3.9	1.6	0.0065 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	1.1	0.015 U

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-2	SESI-SB-2
Sample Depth (feet)			3	5
SOIL BY 6010D (MG/KG)				
Copper	50	270	54.1	18.8
Lead	63	400	438	12.9
Zinc	109	10000	791	33.6
SOIL BY 8270D (MG/KG)				
Benzo[b]fluoranthene	1	1	0.18	1.2
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.089	0.67

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-3
Sample Depth (feet)			2
SOIL BY 6010D(MG/KG)			
Lead	63	400	181
Zinc	109	10000	114
SOIL BY 8081B			
4,4'-DDT	0.0033	7.9	0.0052 J p

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-5
Sample Depth (feet)			8
SOIL BY 8270D			
Benz o[a]anthracene	1	1	2.0
Benz o[a]pyrene	1	1	1.7
Benz o[b]fluoranthene	1	1	3.4
Benz o[k]fluoranthene	0.8	3.9	1.1
Chrysene	1	3.9	2.4
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.81

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-6	SESI-SB-6
Sample Depth (feet)			2	20-22
SOIL BY 6010D(MG/KG)				
Lead	63	400	89.6	4.1
Nickel	30	310	14.2	44.0

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-15
Sample Depth (feet)			15-17
SOIL BY 6010D(MG/KG)			
Nickel	30	310	30.0

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-28	SESI-SB-28 2	SESI-SB-28 3
Sample Depth (feet)			6	10	15
SOIL BY 6010D(MG/KG)					
Copper	50	270	52.2	39.4	37.2
Nickel	30	310	20.3	35.3	47.7

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-29	SESI-SB-29
Sample Depth (feet)			9	12
SOIL BY 6010D(MG/KG)				
Copper	50	270	75.2	24.7
Nickel	30	310	19.4	32.1
SOIL BY 8081B (MG/KG)				
4,4'-DDT	0.0033	7.9	0.0013 U	0.0035 J p

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-18
Sample Depth (feet)			13
SOIL BY 6010D(MG/KG)			
Nickel	30	310	30.9

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-23
Sample Depth (feet)			7
SOIL BY 6010D(MG/KG)			
Copper	50	270	58.3

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-8	SESI-SB-8	SESI-SB-82
Sample Depth (feet)			4	9	18
SOIL BY 6010D(MG/KG)					
Copper	50	270	13.0	37.0	164
Lead	63	400	127	24.6	6.5
Nickel	30	310	5.8 J	17.5	36.2
Zinc	109	10000	72.2	156	88.2
SOIL BY 8270D (MG/KG)					
Benzo[b]fluoranthene	1	1	1.4	0.021 J	0.0097 U
Chrysene	1	3.9	1.1	0.017 J	0.0064 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.83	0.015 U	0.015 U

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-10	SESI-SB-10
Sample Depth (feet)			4	18
SOIL BY 6010D(MG/KG)				
Nickel	30	310	10.1	42.6
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.57	0.016 U

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-9
Sample Depth (feet)			17
SOIL BY 8081B			
4,4'-DDT	0.0033	7.9	0.0049 J

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-19
Sample Depth (feet)			23
SOIL BY 6010D(MG/KG)			
Nickel	30	310	30.2

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-11
Sample Depth (feet)			14
SOIL BY 6010D(MG/KG)			
Nickel	30	310	31.2

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-13
Sample Depth			
SOIL BY 7471B(MG/KG)			
Mercury	0.18	0.81	0.29
SOIL BY 6010D(MG/KG)			
Lead	63	400	127

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-34
Sample Depth (feet)			6
SOIL BY 6010D(MG/KG)			
Nickel	30	310	39.3

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-21
Sample Depth (feet)			8
SOIL BY 6010D(MG/KG)			
Nickel	30	310	219
Zinc	109	10000	139

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-22
Sample Depth (feet)			22
SOIL BY 6010D(MG/KG)			
Nickel	30	310	32.5

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-20	SESI-SB-20
Sample Depth (feet)			5	6
SOIL BY 7471B(MG/KG)				
Mercury	0.18	0.81	0.20	0.021
SOIL BY 6010D(MG/KG)				
Lead	63	400	91.2	31.4
Zinc	109	10000	110	60.7

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-31
Sample Depth (feet)			14
SOIL BY 6010D(MG/KG)			
Nickel	30	310	30.8

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-30
Sample Depth (feet)			10
SOIL BY 8260C (MG/KG)			
Benzene	0.06	4.8	0.086 J
Ethylbenzene	1	41	5.5
Toluene	0.7	100	4.1

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-25
Sample Depth (feet)			3
SOIL BY 7471B(MG/KG)			
Mercury	0.18	0.81	0.55
SOIL BY 6010D(MG/KG)			
Arsenic	13	16	14.9
Barium	350	400	705
Copper	50	270	118
Lead	63	400	1560
Zinc	109		812
SOIL BY 8081B (MG/KG)			
4,4-DDT	0.0033	7.9	0.0055 J
SOIL BY 8270D (MG/KG)			
Benz o[a]anthracene	1	1	58
Benz o[a]pyrene	1	1	49
Benz o[b]fluoranthene	1	1	72
Benz o[g,h,i]perylene	100	100	30
Benz o[k]fluoranthene	0.8	3.9	24
Chrysene	1	3.9	57
Dibenz(a,h)anthracene	0.33	0.33	8.0
Dibenzofuran	7	59	9.4 J
Fluoranthene	100	100	130
Indeno[1,2,3-cd]pyrene	0.5	0.5	41
Phenanthrene	100	100	130

Analyte	Unrestricted Use	Restricted Residential	SESI-SB-26
Sample Depth (feet)			3
SOIL BY 6010D (MG/KG)			
Mercury	0.18	0.81	3.6
Lead	63	400	528
SOIL BY 8270D (MG/KG)			
Benzo[a]anthracene	1	1	2.0
Benzo[a]pyrene	1	1	1.9
Benzo[b]fluoranthene	1	1	2.8
Indeno[1,2,3-cd]pyrene	0.5	0.5	1.6

NOTE:
1. THIS PLAN IS FOR LOCATING SAMPLES ONLY. OTHER SITE WORK SHOWN HERE IS NOT INTENDED FOR CONSTRUCTION.
2. RESULTS ARE SHOWN ON SAMPLES WITH EXCEEDANES ONLY.

LEGEND:

SESI-SB-1 — PROPOSED SOIL BORING NUMBER & APPROX. LOCATION

2.0 - EXCEED RESTRICTED RESIDENTIAL

1.1 - EXCEED UNRESTRICTED USE

REFERENCE
1. EXIST CONDITIONS & BOUNDARY ARE TAKEN FROM A TOPOGRAPHIC SURVEY ENTITLED "TOPOGRAPHIC SURVEY OF LOT NOS. 9, 10, 11 & 16 TOGETHER WITH A PORTION OF THE FORMER ROAD BED OF LECOUNT PLACE AS SHOWN ON "MAP OF LOTS IN NEW ROCHELLE, BELONGING TO THE HEIRS OF LE COUNT DECEASED" SITUATED IN THE CITY OF NEW ROCHELLE, WESTCHESTER COUNTY, NEW YORK." PREPARED BY ARISTOTLE BOURNAZOS, P.C. LAND SURVEYORS - PLANNERS. DATED JUNE 13, 2017.

SCALE: 1"=30'
0 30 60

SESI CONSULTING ENGINEERS D.P.C.
SOILS / FOUNDATIONS
SITE DESIGN
ENVIRONMENTAL
12A MAPLE AVE. PINE BROOK, N.J. 07058 PH: 973-808-9050

dwg by: EW/JK
chk by: SG
scale: 1"=30'
date: 2/28/19

project: LECOUNT PLACE NEW ROCHELLE, N.Y.

drawing title: SOIL BORING RESULTS

job no: 10100
drawing no:

FIG 4.2

N: \ACAD\10100\CAD\10100 FIG-4.2 SOIL BORING DATA.DWG 03/04/19 10:10:23AM, jenny, LAYOUT:FIG 4.2

Exhibit C

DATA USABILITY SUMMARY REPORT

14 LECOUNT PLACE
NEW ROCHELLE, NEW YORK

Prepared for:

SESI Consulting Engineers
12 A Maple Avenue
Pine Brook, NJ 07058

Prepared by:

EcoChem, Inc.
500 Union St. Suite 1010
Seattle, Washington 98101

EcoChem Project: 27801-1

March 7, 2019

Approved for Release:

Christine Ransom
Senior Project Chemist
EcoChem, Inc.

DATA QUALITY EVALUATION

BASIS OF DATA EVALUATION

This report documents the results of full (EPA Stage 3/4) data validation performed samples collected in support the 14 Lecount Place project. The data were validated using guidance and quality control (QC) criteria documented in the analytical methods; *the Quality Assurance Project Plan for the Remedial Investigation Workplan/Interim Remedial Measure (SESI Consulting Engineers); the New York State Department of Environmental Conservation Analytical Service Protocol (July 2005); the USEPA National Functional Guidelines for Inorganic Data Review (October 2004); and the USEPA National Functional Guidelines for Organic Data Review (January, 2005).*

Samples were analyzed by Test America, Edison, New Jersey. The laboratory is certified by the state of New York under the NELAP program. The table below lists the analytical methods and EcoChem Project Chemists. See the Sample Index for a complete list of samples for which data were reviewed.

ANALYSIS	METHOD	PRIMARY REVIEW CHEMISTS	SECONDARY REVIEW CHEMIST
Volatile Organic Compounds (VOC)	SW8260C	C. Mott Frans E. Clayton	A. Bodkin C. Ransom
Semi Volatile Organic Compounds	SW8270D	R. Frans E. Clayton	C. Mott Frans C. Ransom
Organochlorine Pesticides	SW8081B	A. Bodkin	C. Ransom
PCB Aroclors	SW8082A	C. Ransom	A. Bodkin
Metals and Mercury	SW6010D/SW7471A	E. Clayton	C. Ransom
Cyanide	SW9012B	E. Clayton	C. Ransom

Data qualifier definitions and reason codes are included as Appendix A. A summary table of qualified data is provided in Appendix B. Data validation technical reports are presented in Appendix C.

PROCESS FOR DATA VALIDATION

The laboratory provided New York State Department of Environmental Conservation (NYSDEC) Category B data packages as specified in the NYSDEC Analytical Services Protocol (ASP). All (100%) of the data received a full (EPA Stage 3/4) validation, which included evaluation (as appropriate for each method) of the items listed below:

- Data package completeness
- Sample chain-of-custody and sample preservation
- Analytical holding times
- Blank contamination (method blanks)
- Precision (replicate analyses – LCS/LCSD, MS/MSD, laboratory duplicate, field duplicate)
- Accuracy (compound recovery – surrogates, LCS/LCSD, MS/MSD)

- Chromatogram review
- Reporting limits and target analyte list
- Instrument performance (initial calibration, continuing calibration, sensitivity and retention times)
- Compound Identification (peak patterns and second column confirmation)
- Tentatively Identified Compound (TIC) evaluation
- Transcription checks
- Calculation checks

A dual-tier system of primary and secondary reviewers is utilized to ensure technical correctness and QC of the validation process; and all data validation is documented using standardized and controlled validation worksheets and spreadsheets. These worksheets are completed for each SDG, documenting all deficiencies, outliers and subsequent qualifiers.

A total of 119 soil samples were analyzed for the parameters in the above table, for a total of 21,063 data points (excluding TICs). The overall quality of the data was acceptable. A total of 495 results were estimated based on QA/QC outliers. All tentatively identified compounds (TICs) should also be considered as estimates (NJ).

A total of 24 results for 3,3'-dichlorobenzidine and 3-nitroaniline were rejected based on laboratory control sample recoveries that were <10%. Two sets of dilutions were reported for the VOC analyses of three samples. In order to have only one valid result reported for each of these samples, the results that should not be used were flagged as do-not-report (DNR). This does not affect completeness as a usable result remains for all analytes in the three samples. Rejected data or data flagged as DNR should not be used for any purpose. All other data, as qualified, are usable for the intended purpose. Completeness for the data set is 99.89%.

With a few exceptions, the laboratory data packages contained all required documentation. In the cases where packages were incomplete, the laboratory was contacted and supplied the missing documentation.

The following sample receipt/ sample identification issues were noted:

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Sample Index
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	VOC	SVOC	Pesticides	PCB Aroclors	Metals	Cyanide
J174677-1	SESI-SB-4(5-7')	460-174677-1	✓	✓	✓	✓	✓	✓
J174677-1	SESI-SB-4(10-12')	460-174677-2	✓	✓	✓	✓	✓	✓
J174677-1	SESI-SB-4(15-17')	460-174677-3	✓	✓	✓	✓	✓	✓
J174677-1	DUP-1	460-174677-4	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-1(3')	460-174772-1	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-1(8')	460-174772-2	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-2(5')	460-174772-3	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-5(5')	460-174772-4	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-8(4')	460-174772-5	✓	✓	✓	✓	✓	✓
J174772-1	SESI-SB-8(9')	460-174772-6	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-1(12')	460-174859-1	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-1(15')	460-174859-2	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-2(3')	460-174859-3	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-2(15')	460-174859-4	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-3(2')	460-174859-5	✓	✓	✓	✓	✓	✓
J174859-1/2	SESI-SB-3(7')	460-174859-6	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-3(13')	460-174859-7	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-6(2')	460-174859-8	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-6(8')	460-174859-9	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-6(12')	460-174859-10	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-6(16')	460-174859-11	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-8(14')	460-174859-12	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-8(18')	460-174859-13	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-9(3')	460-174859-14	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-9(8')	460-174859-15	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-9(13')	460-174859-16	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-9(17')	460-174859-17	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-11(4')	460-174859-18	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-11(9')	460-174859-19	✓	✓	✓*	✓	✓	✓
J174859-1/2	SESI-SB-11(14')	460-174859-20	✓	✓	✓*	✓	✓	✓
J174859-1	SESI-SB-11(18')	460-174859-21	✓	✓	✓	✓	✓	✓
J174859-1	SESI-SB-3(15-17')	460-174859-22	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-6(20-22')	460-174986-1	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-7(3')	460-174986-2	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-7(8')	460-174986-3	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-7(13')	460-174986-4	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-10(4')	460-174986-5	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-10(9')	460-174986-6	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-10(11')	460-174986-7	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-10(18')	460-174986-8	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-15(3')	460-174986-9	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-15(8')	460-174986-10	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-15(14')	460-174986-11	✓	✓	✓	✓	✓	✓

Sample Index
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	VOC	SVOC	Pesticides	PCB Aroclors	Metals	Cyanide
J174986-1	SESI-SB-16(3')	460-174986-12	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-16(8')	460-174986-13	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-16(13')	460-174986-14	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-23(4')	460-174986-15	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-23(7')	460-174986-16	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-23(11')	460-174986-17	✓	✓	✓	✓	✓	✓
J174986-1	SESI-SB-23(16')	460-174986-18	✓	✓	✓	✓	✓	✓
J174986-1	DUP-2	460-174986-19	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-5(8')	460-175121-1	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-5(12')	460-175121-2	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-17(4')	460-175121-3	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-17(8')	460-175121-4	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-17(14')	460-175121-5	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-18(3')	460-175121-6	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-18(7')	460-175121-7	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-18(13')	460-175121-8	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-19(3')	460-175121-9	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-19(9')	460-175121-10	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-19(12')	460-175121-11	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-19(18')	460-175121-12	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-19(23')	460-175121-13	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-20(5')	460-175121-14	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-20(6')	460-175121-15	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-20(9')	460-175121-16	✓	✓	✓	✓	✓	✓
J175121-1	SESI-SB-20(14')	460-175121-17	✓	✓	✓	✓	✓	✓
J175247-1	DUP-3	460-175247-1	✓	✓	✓	✓	✓	✓
J175247-1	DUP-4	460-175247-2	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-28 (6')	460-175247-4	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-28 (10')	460-175247-5	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-28 (15')	460-175247-6	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-29 (9')	460-175247-7	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-29 (12')	460-175247-8	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-29 (14')	460-175247-9	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-30 (10')	460-175247-10	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-30 (12')	460-175247-11	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-30 (14')	460-175247-12	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-31 (9')	460-175247-13	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-31 (11')	460-175247-14	✓	✓	✓	✓	✓	✓
J175247-1	SESI-SB-31 (14')	460-175247-15	✓	✓	✓	✓	✓	✓
J175342-1	SESI-SB-12 (4')	460-175342-1	✓	✓	✓	✓	✓	✓
J175342-1	SESI-SB-12 (6')	460-175342-2	✓	✓	✓	✓	✓	✓
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	✓	✓	✓	✓	✓	✓

Sample Index
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	VOC	SVOC	Pesticides	PCB Aroclors	Metals	Cyanide
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	✓	✓	✓	✓	✓	✓
J175342-1	SESI-SB-24 (1')	460-175342-5	✓	✓	✓	✓	✓	✓
J175342-1	SESI-SB-24 (6')	460-175342-6	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-7(15'-17')	460-175449-1	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-14(2')	460-175449-2	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-14(6')	460-175449-3	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-21(3')	460-175449-4	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-21(8')	460-175449-5	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-22(5')	460-175449-6	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-22(7')	460-175449-7	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-22(11')	460-175449-8	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-32(4')	460-175449-9	✓	✓	✓	✓	✓	✓
J175449-1	SESI-SB-32(7')	460-175449-10	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-13(3')	460-175638-1	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-13(7')	460-175638-2	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-25(3')	460-175638-3	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-25(8')	460-175638-4	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-26(3')	460-175638-5	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-26(7')	460-175638-6	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-26(12')	460-175638-7	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-27(4')	460-175638-8	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-27(7')	460-175638-9	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-27(11')	460-175638-10	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-33(4')	460-175638-11	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-33(6')	460-175638-12	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-34(2')	460-175638-13	✓	✓	✓	✓	✓	✓
J175638-1	SESI-SB-34(6')	460-175638-14	✓	✓	✓	✓	✓	✓
J175638-1	DUP-5	460-175638-15	✓	✓	✓	✓	✓	✓
J175638-1	DUP-6	460-175638-16	✓	✓	✓	✓	✓	✓
J175667-1	SESI-SB-25(10-12')	460-175667-1	✓	✓	✓	✓	✓	✓
J175667-1	SESI-SB-25(15-17')	460-175667-2	✓	✓	✓	✓	✓	✓
J175667-1	SESI-SB-25(20-22')	460-175667-3	✓	✓	✓	✓	✓	✓
J175667-1	SESI-SB-26(15-17')	460-175667-4	✓	✓	✓	✓	✓	✓

✓* Pesticide results were submitted in J174859-2

SUMMARY OF DATA VALIDATION: VOLATILE ORGANIC COMPOUNDS (VOC)

A total of 119 soil samples were analyzed for volatile organic compounds by SW846 method 8260C. Tentatively identified compounds were requested as part of the analysis. The VOC data was acceptable. The detection limits were elevated for 78 results based on method blank contamination. A total of 58 results were estimated based on calibration verification, precision, and accuracy outliers. All data, as qualified, are usable for the intended purpose.

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, contamination, accuracy, and precision. The results of the quality control (QC) procedures used during the analyses are discussed below.

Data Package Completeness

The laboratory data packages contained all required documentation.

Holding Times and Sample Preservation

Samples were received at the laboratory within the control limits of 0ºC-6ºC. Samples were analyzed within the holding time of 14 days from collection. All sample preservation and holding time criteria were met.

Instrument Performance

Instrument Tunes

Instruments were tuned daily prior to sample analysis. All method criteria were met.

Initial Calibrations

Initial calibrations (ICAL) were completed for all reported analytes on each instrument prior to sample analysis. A 6-point calibration was analyzed. Response factors were greater than the minimum of 0.05 (0.01 for poor responders). The percent relative standard deviation (RSD) values were within the control limit of 20%. The initial calibrations were acceptable.

Calibration Verification

Calibration verifications were analyzed at the beginning of the analytical sequence. Response factors were greater than the minimum of 0.05 (0.01 for poor responders). With the exceptions noted below, calibration percent difference (%D) values were within the +/-25% (40% for poor responders).

For SDGs J175247-1 and J175342-1, the CCAL %D values for chlorodibromomethane and bromoform were outside of the control limits and represented a decrease in instrument response. Associated results were estimated (UJ) to indicate a potential low bias.

Internal Standards

The internal standards TBA-d9, 2-butanone-d5, fluorobenzene, 1,4-dioxane-d8, chlorobenzene-d5, and 1,4-dichlroobenzene-d4 were added to all samples prior to analysis. All internal standard responses fell within the control limits of 50%-200% of the response in the associated CCAL.

Method Blank Analyses

A method blank was analyzed at the appropriate frequency of one per batch of 20 or fewer samples. The common laboratory contaminants acetone, 2-butanone, and methylene chloride were detected in several method blanks. Positive results in the associated samples that were less than the action levels of 10x the blank concentrations were qualified as not detected (U).

Accuracy

Surrogate Compound Recovery

The surrogate compounds 1,2-dichloroethane-d4 (DCA), 4-bromofluorobenzene (BFB), dibromofluoromethane (DBFM), and toluene-d8 (TOL) were added to all samples. With the following exceptions, the surrogate recovery values were within the control limits.

DCA and BFB were greater than the upper control limits in two samples. There were no target analytes detected int eh samples; no action was necessary based on the potential high bias. TOL was also greater than the upper control limit in one sample; no action was taken based on a single outlier.

Laboratory Control Sample Recovery

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exceptions noted below, the recoveries were within the laboratory control limits.

The LCS/LCSD recoveries for acetone were less than the lower control limit in one analytical batch. Associated results were estimated (UJ) to indicate a potential low bias. The methyl-tert-butyl ether recoveries were greater than the upper control limit in one batch. The analyte was not detected in the associated samples; no action was necessary based on the potential high bias. There were several cases where the LCS or LCSD was outside of the control limits, but the corresponding LCS/LCSD was acceptable. No action was taken based on single outliers.

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix spike/matrix spike duplicates (MS/MSD) were not analyzed. Precision and accuracy were evaluated using the LCS/LCSD and surrogate results.

Precision

Laboratory Precision

The LCS/LCSD relative percent difference values were used to evaluate laboratory precision. There were no outliers; laboratory precision was acceptable.

Field Precision

Six sets of field duplicates were submitted. The following table contains the field duplicate associations and any precision outliers. For field precision outliers, results in the parent and duplicate sample were estimated (J):

SDG	Parent Sample	Field Duplicate	Outlier
J174677-1	SESI-SB-4(5-7')	DUP-1	none
J174986-1	SESI-SB-7(3')	DUP-2	none
J175247-1	SESI-SB-31(9')	DUP-3	All detected analytes
	SESI-SB-28(10')	DUP-4	none
J175638-1	SESI-SB-27(4')	DUP-5	All detected analytes
	SESI-SB-13(7')	DUP-6	none

Target Analyte List

Samples were analyzed for the full suite of target analytes and TICs.

Compound Identification

The chromatograms were reviewed and did not indicate any compound identification issues or significant matrix effects.

Tentatively identified compounds (TIC) were estimated (NJ).

Reporting Limits

Reporting limits (RL) met the targets specified in the QAPP.

Reported Results and Calculation Verification

Samples SESI-SB-29(9'), SESI-SB-27(7') and SESI-SB-27(11') had one or more results that were greater than the calibration range in the original low-level analyses. The lab re-analyzed the samples at a medium level, however the results were not in agreement. Both sets of data were reported. Because the results from the medium-level analyses were significantly lower, it was determined that the results from the original low-level analyses should be used. The results that exceeded the calibration range were estimated (J). Results from the medium-level analyses were flagged as do-not-report (DNR)

Several detected results in each SDG were verified by recalculation from the raw data. No calculation or transcription errors were noted.

SUMMARY OF DATA VALIDATION: SEMIVOLATILE ORGANIC COMPOUNDS (SVOC)

A total of 119 soil samples were analyzed for semivolatile organic compounds (SVOC) by SW846 method 8270D. Tentatively identified compounds were requested as part of the analysis. At total of 24 results for 3,3'-dichlorobenzidien and 3-nitroaniline were rejected based on laboratory control sample recoveries that were less than 10%. A total of 201 results were estimated based on precision and accuracy outliers. Rejected data should not be used for any purpose. All other data, as qualified, are usable for the intended purpose. Completeness for the SVOC analyses is 99.7%.

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, contamination, accuracy, and precision. The results of the quality control (QC) procedures used during the analyses are discussed below.

Data Package Completeness

The laboratory data package contained all required documentation.

Holding Times and Sample Preservation

Samples were received at the laboratory within the control limits of 0ºC-6ºC. Samples were extracted within the QAPP specified holding time of 7 days from collection and were analyzed within the holding time of 40 days from extraction. All sample preservation and holding time criteria were met.

Instrument Performance

Instrument Tunes

Instruments were tuned daily prior to sample analysis. All method criteria were met.

Initial Calibrations

Initial calibrations (ICAL) were completed for all reported analytes on each instrument prior to sample analysis. A 6-point calibration was analyzed. Response factors were greater than the minimum of 0.05 (0.01 for poor responders). The percent relative standard deviation (RSD) values were within the control limit of 20%. The initial calibrations were acceptable.

Calibration Verification

Calibration verifications were analyzed at the beginning of the analytical sequence. Response factors were greater than the minimum of 0.05 (0.01 for poor responders). All calibration percent difference (%D) values were within the +/-25% (40% for poor responders).

Internal Standards

The internal standards 1,4-dichlorobenzene-d4, naphthalene-d8, acenaphthene-d10, phenanthrene-d10, chrysene-d12, and perylene-d12 were added to all samples prior to analysis. All internal standard responses fell within the control limits of 50%-200% of the response in the associated CCAL.

Method Blank Analyses

A method blank was analyzed at the appropriate frequency of one per batch of 20 or fewer samples. No target analytes were detected in the method blanks.

Accuracy

Surrogate Compound Recovery

The surrogate compounds 2-fluorophenol, phenol-d5, nitrobenzene-d5, 2-fluorbiphenyl, 2,4,6-tribromophenol, and terphenyl-d14 were added to all samples. The surrogate recovery values were within the control limits. One outlier is allowed per acid or base/neutral fraction before data is qualified.

Matrix Spike Recovery

Matrix spike/matrix spike duplicates (MS/MSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exceptions noted below, the recoveries were within the laboratory and ASP control limits.

There were several MS/MSD samples with analytes that were less than the lower control limits. Associated results in the parent sample were estimated (J/UJ) to indicate a potential low bias. There was one set of MS/MSD with several recoveries that were greater than the upper control limits. Associated positive results in the parent sample were estimated (J) to indicate a potential high bias.

Laboratory Control Sample Recovery

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exceptions noted below, the recoveries were within the laboratory control limits.

The recoveries for 3,3'-dichlorobenzidine in batch 590471 and the recoveries for 3,3'-dichlorobenzidine and 3-nitroaniline in batch 590473 were less than 10%. Theses analytes were not detected in the associated samples; results were rejected (R) due to the extreme low bias.

Several batches had recoveries for several analytes that were less than the lower control limits. Associated results were estimated (UJ) to indicate a potential low bias.

Laboratory Precision

The LCS/LCSD and MS/MSD relative percent difference values were used to evaluate laboratory precision. There were no outliers; laboratory precision was acceptable.

Field Precision

Six sets of field duplicates were submitted. There were no target analytes detected in any of these samples; field precision was acceptable. The following table contains the field duplicate associations:

SDG	Parent Sample	Field Duplicate	Outlier
J174677-1	SESI-SB-4(5-7')	DUP-1	none
J174986-1	SESI-SB-7(3')	DUP-2	10 outliers
J175247-1	SESI-SB-31(9')	DUP-3	1,1'-biphenyl 2-methylnaphthalene
	SESI-SB-28(10')	DUP-4	none
J175638-1	SESI-SB-27(4')	DUP-5	2-methylnaphthalene phenanthrene fluorene
	SESI-SB-13(7')	DUP-6	none

Target Analyte List

Samples were analyzed for the full suite of target analytes and TICs.

Compound Identification

The chromatograms were reviewed and did not indicate any compound identification issues or significant matrix effects.

Tentatively identified compounds (TIC) were estimated (NJ).

Reporting Limits

The target reporting limits specified in the QAPP were met.

Reported Results and Calculation Verification

Several detected results in each SDG were verified by recalculation from the raw data. No calculation or transcription errors were noted.

SUMMARY OF DATA VALIDATION: ORGANOCHLORINE PESTICIDES

A total of 119 soil samples were analyzed for organochlorine pesticide compounds by SW846 method 8081B. The pesticide data was acceptable. A total of 2 results were qualified based on disagreement between the two analytical columns. All data, as qualified, are usable for the intended purpose.

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, contamination, accuracy, and precision. The results of the quality control (QC) procedures used during the analyses are discussed below.

Data Package Completeness

The laboratory data package contained all required documentation. The following transcription error was noted:

Holding Times and Sample Preservation

Samples were received at the laboratory within the control limits of 0ºC-6ºC. Samples were extracted within the QAPP specified holding time of 7 days from collection and were analyzed within the holding time of 40 days from extraction. All sample preservation and holding time criteria were met.

Instrument Performance

Initial Calibrations

Initial calibrations (ICAL) were completed for all reported analytes on each instrument prior to sample analysis. A 5-point calibration was analyzed for each analytical column (CLP-2 and RTX-CLP). The percent relative standard deviation (RSD) values were within the control limit of 20%. The initial calibrations were acceptable.

Calibration Verification

Calibration verifications were analyzed at the frequency of every 12 hours and prior to sample analysis. With the exceptions noted below, the calibration average percent difference (%D) values were within the ASP control limits of +/-20% on both columns.

The %D values for endosulfan sulfate and methoxychlor were greater than the control limit in one or more CCALs. The outliers represented an increase in instrument response. These analytes were not detected in any of the samples associated with the CCAL %D outliers; no action was necessary based on the potential high bias.

Breakdown Standards

Breakdown standards were analyzed on each instrument prior to sample analysis as required. The endrin and DDT breakdown values were less than 20% on each column and the combined breakdown value was less than 30% on each column.

Method Blank Analyses

A method blank was analyzed at the appropriate frequency of one per batch of 20 or fewer samples. No target analytes were detected in the method blanks.

Accuracy

Surrogate Compound Recovery

The surrogate compounds decachlorobiphenyl (DCB) and tetrachloro-m-xylene (TCMX) were added to all samples. With the following exceptions, the surrogate recovery values were within the laboratory and ASP control limits.

For Sample SESI-SB-5 (8'), the recovery for DCB on the Rtx-CLP column was greater than the upper control limit, at 175%. There were no positive results in this sample. No action was required.

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix spike/matrix spike duplicates (MS/MSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exceptions noted below, the recoveries were within the laboratory and ASP control limits.

Several MS/MSD recoveries were greater than the upper control limit. The analytes were not detected in the parent samples. No action was necessary based on the potential high bias

Laboratory Control Sample Recovery

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exceptions noted below, recoveries were within the laboratory and ASP control limits.

Endosulfan sulfate, 4,4'-DDD, and gamma-BHC were greater than the ASP control limits on one or more columns in one or more LCS/LCSD. These analytes were not detected in the associated samples; no action was necessary based on the potential high bias.

Precision

Laboratory Precision

The LCS/LCSD and MS/MSD relative percent difference values were used to evaluate laboratory precision. There were no outliers; laboratory precision was acceptable.

Field Precision

Six sets of field duplicates were submitted. There were no target analytes detected in any of these samples; field precision was acceptable. The following table contains the field duplicate associations:

SDG	Parent Sample	Field Duplicate	Outlier
J174677-1	SESI-SB-4(5-7')	DUP-1	none
J174986-1	SESI-SB-7(3')	DUP-2	none
J175247-1	SESI-SB-31(9')	DUP-3	none
	SESI-SB-28(10')	DUP-4	none
J175638-1	SESI-SB-27(4')	DUP-5	none
	SESI-SB-13(7')	DUP-6	none

Target Analyte List

Samples were analyzed for all target analytes listed in the QAPP.

Compound Identification

The results from the two analytical columns were compared for agreement. With the following exceptions, the chromatograms did not indicate any significant matrix effects on either column.

The 4.4'-DDD and 4,4'-DDT results for Sample SESI-SB-29 (12') were estimated (J and NJ) based on high RPD values between the primary and secondary columns.

Reporting Limits

The target reporting limits specified in the QAPP were met.

Reported Results and Calculation Verification

Several detected results in each SDG were verified by recalculation from the raw data. No calculation or transcription errors were noted.

SUMMARY OF DATA VALIDATION: POLYCHLORINATED BIPHENYL (PCB) AROCLORS

A total of 119 soil samples were analyzed for polychlorinated biphenyl compounds (PCB Aroclors) by SW846 method 8082A. The PCB Aroclor data was acceptable. No data were qualified for any reason. All data, as reported, are usable for the intended purpose.

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, contamination, accuracy, and precision. The results of the quality control (QC) procedures used during the analyses are discussed below.

Data Package Completeness

With the following exception, the laboratory data package contained all required documentation. The summary forms and raw data for the ICAL analyzed on instrument CPESTGC9 on 1/25/19 were missing from the data packages for SDGS J14772-1, J174859-1, and J174986-1. The laboratory was contacted and supplied the missing documentation.

Holding Times and Sample Preservation

Samples were received at the laboratory within the control limits of 0ºC-6ºC. Samples were extracted within the QAPP specified holding time of 7 days from collection and were analyzed within the holding time of 40 days from extraction. All sample preservation and holding time criteria were met.

Instrument Performance

Initial Calibrations

Initial calibrations (ICAL) were completed for all reported analytes on each instrument prior to sample analysis. A 5-point calibration was analyzed for each analytical column for Aroclors 1016 and 1260. A single point calibration was analyzed for all other aroclors as required by the method. A minimum of five peaks were used to identify each Aroclor. The percent relative standard deviation (RSD) values were within the control limit of 20%. The initial calibrations were acceptable.

Calibration Verification

Calibration verifications were analyzed at the frequency of every 12 hours and prior to sample analysis. With the exception noted below, the calibration average percent difference (%D) values were within the ASP control limits of +/-15% on both columns.

SDG J174986-1: All average percent difference (%D) values for the continuing calibration (CCAL) analyzed on instrument PestGC9 on 2/11/19 @ 07:35 were greater than the ASP control limit of 15% and also greater than the method control limit of 20%. The outliers indicated an increase in instrument response. There were no target analytes detected in the associated samples; no action was taken based on the potential high bias.

Method Blank Analyses

A method blank was analyzed at the appropriate frequency of one per batch of 20 or fewer samples. No target analytes were detected in the method blanks.

Accuracy

Surrogate Compound Recovery

The surrogate compound decachlorobiphenyl (DCB) was added to all samples. With some exceptions, the surrogate recovery values were within the control limits of 53% - 150%. All surrogate recovery outliers represented an increase in instrument response. There were no target analytes detected in the samples associated with the outliers; no action was necessary based on the potential high bias. Laboratory accuracy was acceptable.

Matrix Spike/Matrix Spike Duplicate Recovery

Matrix spike/matrix spike duplicates (MS/MSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the exception noted below, the recoveries were within the laboratory and ASP control limits. Laboratory accuracy was acceptable.

SDG J175342-1: For the MS/MSD analyzed using sample SESI-SB-12(4'), all recoveries were greater than the upper control limits. There were no target analytes detected in the parent sample; no action was taken based on the potential high bias.

Laboratory Control Sample Recovery

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. The recoveries were within the laboratory and ASP control limits. Laboratory accuracy was acceptable.

Precision

Laboratory Precision

The LCS/LCSD and MS/MSD relative percent difference values were used to evaluate laboratory precision. There were no outliers; laboratory precision was acceptable.

Field Precision

Six sets of field duplicates were submitted. There were no target analytes detected in any of these samples; field precision was acceptable. The following table contains the field duplicate associations:

SDG	Parent Sample	Field Duplicate	Outlier
J174677-1	SESI-SB-4(5-7')	DUP-1	none
J174986-1	SESI-SB-7(3')	DUP-2	none
J175247-1	SESI-SB-31(9')	DUP-3	none
	SESI-SB-28(10')	DUP-4	none
J175638-1	SESI-SB-27(4')	DUP-5	none
	SESI-SB-13(7')	DUP-6	none

Target Analyte List

Samples were analyzed for Aroclors 1016, 1221, 1232, 1242, 1248, 1254, 1260, 1262, and 1268. Total PCBs were also reported.

Compound Identification

The results from the two analytical columns were compared for agreement. The chromatograms did not indicate any significant matrix effects on either column.

Reporting Limits

The QAPP specified target reporting limit of 0.1 mg/kg was met.

Reported Results and Calculation Verification

Several detected results in each SDG were verified by recalculation from the raw data. No calculation or transcription errors were noted.

SUMMARY OF DATA VALIDATION: METALS, MERCURY, AND CYANIDE

A total of 119 soil samples were analyzed for TAL metals by SW846 method 6010D, mercury by SW846 method 7471A, and total cyanide by SW846 method 9012B. The metals, mercury, and cyanide data were acceptable. A total of 159 results were estimated based on calibration verification, precision, and accuracy outliers. All data, as qualified, are usable for the intended purpose.

The laboratory data were evaluated in terms of completeness, holding times, instrument performance, contamination, accuracy, and precision. The results of the quality control (QC) procedures used during the analyses are discussed below.

Data Package Completeness

With the exceptions noted below, the laboratory data package contained all required documentation.

SDG J174677-1: The quality control (QC) sample summaries were missing from the laboratory report. The laboratory was contacted and submitted the missing documentation.

SDG J175247-1, J175342-1: The standard independent and continuing calibration verification (ICV/CCV) summaries (Form 2A) for method 6010D were missing from the laboratory report. The laboratory was contacted and submitted the missing documentation.

Holding Times and Sample Preservation

Samples were received at the laboratory within the control limits of 0 ºC -6 ºC. Samples were analyzed within the holding times of 180 days for metals, 28 days for mercury, and 14 days for cyanide. All sample preservation and holding time criteria were met.

Instrument Performance

Initial Calibrations

Initial calibrations (ICAL) were completed for all reported analytes on all instruments prior to sample analysis. The ICAL linearity requirements of $r>0.995$ or $r^2>0.990$ were met.

Independent source calibration verification (ICV) were analyzed immediately following calibration. All ICV recoveries were within the control limits of 90-110% for metals, 80-120% or mercury, and 85-115% for cyanide.

Low-level ICVL were also analyzed for metals.

Calibration Verification

Calibration verifications (CCV) were analyzed at the proper frequency of every 10 samples. The CCV recovery values were within the control limits of 90-110% for metals, 80-120% or mercury, and 85-115% for cyanide.

Low level calibration verification (CCVL) standards were also analyzed for metals. With the following exceptions, recoveries were within the method specified control limits of 80-120%.

Several CCVL recoveries for antimony and one CCVL recovery for selenium were less than the lower control limit. Associated results were estimated (J/UJ) to indicate a potential low bias.

Several CCVL recoveries for lead were greater than the upper control limit. Positive results for lead in the associate samples were estimated (J) to indicate a potential high bias.

Blank Analyses

A method blank was analyzed at the appropriate frequency of one per batch of 20 or fewer samples. No target analytes were detected in the method blanks.

Instrument blanks were analyzed following every ICV/CCV. Although there were several cases where target analytes were detected in the instrument blanks, no data required qualification based on instrument blank results.

Accuracy

Matrix Spike Recovery

A matrix spikes (MS) and matrix spike/matrix spike duplicates (MS/MSD) were analyzed at the proper frequency of one per batch of 20 or fewer samples. With the following exceptions, MS and MS/MSD recoveries were within the control limits of 75% - 125%.

Several MS recoveries for antimony and one MS recovery for copper were less than the lower control limit. Associated results were estimated (J/UJ) to indicate a potential low bias.

Several MS/MSD recoveries for cyanide were greater than the upper control limit. Positive results for cyanide in the associated samples were estimated (J) to indicate a potential high bias.

Laboratory Control Sample Recovery

A soil reference material was analyzed as the laboratory control sample (LCS) with each batch. Recoveries were within the manufacturer's specified control limits.

Precision

Laboratory Precision

A laboratory duplicate was analyzed at the required frequency of one per batch of 20 or fewer samples. Where analyzed, MS/MSD relative percent difference (RPD) values were also used to evaluate laboratory precision. With the following exceptions, for results greater than 5x the reporting limit (RL), the RPD was less than the control limit of 20%.

There were single RPD outliers for chromium, iron, manganese, and zinc. Results in the associated samples were estimated (J)

Field Precision

Six sets of field duplicates were submitted. The following table contains the field duplicate associations and any outliers. For field duplicate RPD outliers, the results in the parent and duplicate sample were estimated (J):

SDG	Parent Sample	Field Duplicate	Outlier
J174677-1	SESI-SB-4(5-7')	DUP-1	none
J174986-1	SESI-SB-7(3')	DUP-2	lead
J175247-1	SESI-SB-31(9')	DUP-3	none
	SESI-SB-28(10')	DUP-4	none
J175638-1	SESI-SB-27(4')	DUP-5	none
	SESI-SB-13(7')	DUP-6	manganese

ICP Serial Dilutions

The ICP serial dilution percent difference (%D) values were less than the control limit of 10% for sample results > 50x the method detection limit (MDL).

ICP Interference Check Standards (ICSA/ICSAB)

Both unspiked (ICSA) and spiked (ICSAB) interference check standards were analyzed for each analytical sequence. For the ICSA, unpsiked analytes were within the control limit of +/- the RL. For the ICASB, the recoveries were within the control limits of 80-120%.

Target Analyte List

All analytes specified in the QAPP were reported.

Reporting Limits

The target reporting limits specified in the QAPP were met.

Reported Results and Calculation Verification

Several detected results in each SDG were verified by recalculation from the raw data. No calculation or transcription errors were noted.

ECOCHEM
Data Quality

APPENDIX A

DATA QUALIFIER DEFINITIONS
REASON CODES

DATA VALIDATION QUALIFIER CODES
Based on National Functional Guidelines

The following definitions provide brief explanations of the qualifiers assigned to results in the data review process.

U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents the approximate concentration.
UJ	The analyte was not detected above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

The following is an EcoChem qualifier that may also be assigned during the data review process:

DNR	Do not report; a more appropriate result is reported from another analysis or dilution.

DATA QUALIFIER REASON CODES

Group	Code	Reason for Qualification
Sample Handling	1	Improper Sample Handling or Sample Preservation (i.e., headspace, cooler temperature, pH, summa canister pressure); Exceeded Holding Times
Instrument Performance	24	Instrument Performance (i.e., tune, resolution, retention time window, endrin breakdown, lock-mass)
	5A	Initial Calibration (RF, %RSD, r^2)
	5B	Calibration Verification (CCV, CCAL; RF, %D, %R) Use bias flags (H,L)[1] where appropriate
	5C	Initial Calibration Verification (ICV %D, %R) Use bias flags (H,L)[1] where appropriate
Blank Contamination	6	Field Blank Contamination (Equipment Rinsate, Trip Blank, etc.)
	7	Lab Blank Contamination (i.e., method blank, instrument blank, etc.) Use low bias flag (L)[1] for negative instrument blanks
Precision and Accuracy	8	Matrix Spike (MS and/or MSD) Recoveries Use bias flags (H,L)[1] where appropriate
	9	Precision (all replicates: LCS/LCSD, MS/MSD, Lab Replicate, Field Replicate)
	10	Laboratory Control Sample Recoveries (a.k.a. Blank Spikes) Use bias flags (H,L)[1] where appropriate
	12	Reference Material Use bias flags (H,L)[1] where appropriate
	13	Surrogate Spike Recoveries (a.k.a. labeled compounds, recovery standards) Use bias flags (H,L)[1] where appropriate
Interferences	16	ICP/ICP-MS Serial Dilution Percent Difference
	17	ICP/ICP-MS Interference Check Standard Recovery Use bias flags (H,L)[1] where appropriate
	19	Internal Standard Performance (i.e., area, retention time, recovery)
	22	Elevated Detection Limit due to Interference (i.e., chemical and/or matrix)
	23	Bias from Matrix Interference (i.e. diphenyl ether, PCB/pesticides)
Identification and Quantitation	2	Chromatographic pattern in sample does not match pattern of calibration standard
	3	2nd column confirmation (RPD or %D)
	4	Tentatively Identified Compound (TIC) (associated with NJ only)
	20	Calibration Range or Linear Range Exceeded
	25	Compound Identification (i.e., ion ratio, retention time, relative abundance, etc.)
Miscellaneous	11	A more appropriate result is reported (multiple reported analyses i.e., dilutions, re-extractions, etc. Associated with "R" and "DNR" only)
	14	Other (See DV report for details)
	26	Method QC information not provided

[1] H = high bias indicated
L = low bias indicated

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Data Quality

APPENDIX B
QUALIFIED DATA SUMMARY TABLE

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174677-1	SESI-SB-4(5-7')	460-174677-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J174677-1	SESI-SB-4(5-7')	460-174677-1	6010D	Iron	16800	mg/Kg		J	9
J174677-1	SESI-SB-4(5-7')	460-174677-1	6010D	Manganese	227	mg/Kg		J	9
J174677-1	SESI-SB-4(5-7')	460-174677-1	6010D	Zinc	30	mg/Kg		J	9
J174677-1	SESI-SB-4(5-7')	460-174677-1	8260C	Acetone	0.014	mg/Kg	B	U	7
J174677-1	SESI-SB-4(5-7')	460-174677-1	8260C	Methylene Chloride	0.0011	mg/Kg	B	U	7
J174677-1	SESI-SB-4(5-7')	460-174677-1	8270D	2,4-Dinitrophenol	0.18	mg/Kg	U F1 F2	UJ	8L
J174677-1	SESI-SB-4(5-7')	460-174677-1	8270D	4,6-Dinitro-2-methylphenol	0.06	mg/Kg	U F1 F2	UJ	8L
J174677-1	SESI-SB-4(5-7')	460-174677-1	8270D	Butyl benzyl phthalate	0.017	mg/Kg	U F1	UJ	8L
J174677-1	SESI-SB-4(5-7')	460-174677-1	8270D	Hexachlorocyclopentadiene	0.033	mg/Kg	U F1	UJ	8L
J174677-1	SESI-SB-4(10-12')	460-174677-2	6010D	Antimony	1.1	mg/Kg	U	UJ	5B,8L
J174677-1	SESI-SB-4(10-12')	460-174677-2	6010D	Iron	14500	mg/Kg		J	9
J174677-1	SESI-SB-4(10-12')	460-174677-2	6010D	Manganese	147	mg/Kg		J	9
J174677-1	SESI-SB-4(10-12')	460-174677-2	6010D	Zinc	30.7	mg/Kg		J	9
J174677-1	SESI-SB-4(10-12')	460-174677-2	8260C	Acetone	0.02	mg/Kg	B	U	7
J174677-1	SESI-SB-4(10-12')	460-174677-2	8260C	Methylene Chloride	0.0012	mg/Kg	B	U	7
J174677-1	SESI-SB-4(15-17')	460-174677-3	6010D	Antimony	1.2	mg/Kg	U	UJ	5B,8L
J174677-1	SESI-SB-4(15-17')	460-174677-3	6010D	Iron	18400	mg/Kg		J	9
J174677-1	SESI-SB-4(15-17')	460-174677-3	6010D	Manganese	188	mg/Kg		J	9
J174677-1	SESI-SB-4(15-17')	460-174677-3	6010D	Zinc	34.2	mg/Kg		J	9
J174677-1	SESI-SB-4(15-17')	460-174677-3	8260C	Acetone	0.016	mg/Kg	B	U	7
J174677-1	SESI-SB-4(15-17')	460-174677-3	8260C	Methylene Chloride	0.00096	mg/Kg	B	U	7
J174677-1	DUP-1	460-174677-4	6010D	Antimony	1.2	mg/Kg	U	UJ	5B,8L
J174677-1	DUP-1	460-174677-4	6010D	Iron	14000	mg/Kg		J	9
J174677-1	DUP-1	460-174677-4	6010D	Manganese	228	mg/Kg		J	9
J174677-1	DUP-1	460-174677-4	6010D	Zinc	24.7	mg/Kg		J	9
J174677-1	DUP-1	460-174677-4	8260C	Acetone	0.016	mg/Kg	B	U	7
J174677-1	DUP-1	460-174677-4	8260C	Methylene Chloride	0.0013	mg/Kg	B	U	7
J174677-1	DUP-1	460-174677-4	9012B	Cyanide, Total	0.13	mg/Kg	J	J	8H
J174772-1	SESI-SB-1(3')	460-174772-1	6010D	Antimony	1.2	mg/Kg	U F1	UJ	5BL,8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174772-1	SESI-SB-1(3')	460-174772-1	8260C	Acetone	0.028	mg/Kg	B	U	7
J174772-1	SESI-SB-1(3')	460-174772-1	8270D	Atrazine	0.01	mg/Kg	U *	UJ	10L
J174772-1	SESI-SB-1(8')	460-174772-2	6010D	Antimony	1.1	mg/Kg	U	UJ	5BL,8L
J174772-1	SESI-SB-1(8')	460-174772-2	8260C	Acetone	0.026	mg/Kg	B	U	7
J174772-1	SESI-SB-1(8')	460-174772-2	8270D	Atrazine	0.0091	mg/Kg	U *	UJ	10L
J174772-1	SESI-SB-2(5')	460-174772-3	6010D	Antimony	1.2	mg/Kg	U	UJ	5BL,8L
J174772-1	SESI-SB-2(5')	460-174772-3	8260C	Acetone	0.01	mg/Kg	B	U	7
J174772-1	SESI-SB-2(5')	460-174772-3	8270D	Atrazine	0.0095	mg/Kg	U *	UJ	10L
J174772-1	SESI-SB-5(5')	460-174772-4	6010D	Antimony	1.1	mg/Kg	U	UJ	5BL,8L
J174772-1	SESI-SB-5(5')	460-174772-4	8260C	Acetone	0.0039	mg/Kg	J B	U	7
J174772-1	SESI-SB-5(5')	460-174772-4	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J174772-1	SESI-SB-8(4')	460-174772-5	6010D	Antimony	1.2	mg/Kg	U	UJ	5BL,8L
J174772-1	SESI-SB-8(4')	460-174772-5	8260C	Acetone	0.046	mg/Kg	B	U	7
J174772-1	SESI-SB-8(4')	460-174772-5	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J174772-1	SESI-SB-8(9')	460-174772-6	6010D	Antimony	1.2	mg/Kg	U	UJ	5BL,8L
J174772-1	SESI-SB-8(9')	460-174772-6	8260C	Acetone	0.026	mg/Kg	B	U	7
J174772-1	SESI-SB-8(9')	460-174772-6	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J174859-1	SESI-SB-1(12')	460-174859-1	6010D	Antimony	0.89	mg/Kg	U F1	UJ	8L
J174859-1	SESI-SB-1(12')	460-174859-1	8260C	Acetone	0.0068	mg/Kg	B	U	7
J174859-1	SESI-SB-1(12')	460-174859-1	8270D	2,4-Dinitrophenol	0.17	mg/Kg	U F1	UJ	8L
J174859-1	SESI-SB-1(12')	460-174859-1	8270D	4,6-Dinitro-2-methylphenol	0.056	mg/Kg	U F1	UJ	8L
J174859-1	SESI-SB-1(12')	460-174859-1	8270D	Acenaphthene	0.025	mg/Kg	U F1	UJ	8L
J174859-1	SESI-SB-1(12')	460-174859-1	8270D	Atrazine	0.0087	mg/Kg	U F1	UJ	8L
J174859-1	SESI-SB-6(12')	460-174859-10	6010D	Antimony	0.92	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-6(12')	460-174859-10	8260C	Acetone	0.0057	mg/Kg	B	U	7
J174859-1	SESI-SB-6(16')	460-174859-11	6010D	Antimony	0.91	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-6(16')	460-174859-11	8260C	Acetone	0.005	mg/Kg	B	U	7
J174859-1	SESI-SB-8(14')	460-174859-12	6010D	Antimony	0.9	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-8(14')	460-174859-12	8260C	Acetone	0.0064	mg/Kg	B	U	7
J174859-1	SESI-SB-8(18')	460-174859-13	6010D	Antimony	0.98	mg/Kg	U	UJ	8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174859-1	SESI-SB-8(18')	460-174859-13	8260C	Acetone	0.0049	mg/Kg	B	U	7
J174859-1	SESI-SB-9(3')	460-174859-14	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-9(3')	460-174859-14	8260C	Acetone	0.0046	mg/Kg	J B	U	7
J174859-1	SESI-SB-9(8')	460-174859-15	6010D	Antimony	1	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-9(13')	460-174859-16	6010D	Antimony	0.93	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-9(17')	460-174859-17	6010D	Antimony	0.94	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-11(4')	460-174859-18	6010D	Antimony	1	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-11(9')	460-174859-19	6010D	Antimony	0.85	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-1(15')	460-174859-2	6010D	Antimony	0.96	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-1(15')	460-174859-2	8260C	Acetone	0.0046	mg/Kg	B	U	7
J174859-1	SESI-SB-11(14')	460-174859-20	6010D	Antimony	0.91	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-11(18')	460-174859-21	6010D	Antimony	0.87	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-11(18')	460-174859-21	6010D	Calcium	1130	mg/Kg		J	9
J174859-1	SESI-SB-11(18')	460-174859-21	6010D	Lead	3.2	mg/Kg		J	5BH
J174859-1	SESI-SB-11(18')	460-174859-21	6010D	Magnesium	3650	mg/Kg		J	9
J174859-1	SESI-SB-3(15-17')	460-174859-22	6010D	Antimony	0.98	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-3(15-17')	460-174859-22	6010D	Calcium	1620	mg/Kg		J	9
J174859-1	SESI-SB-3(15-17')	460-174859-22	6010D	Lead	3.6	mg/Kg		J	5BH
J174859-1	SESI-SB-3(15-17')	460-174859-22	6010D	Magnesium	4720	mg/Kg		J	9
J174859-1	SESI-SB-2(3')	460-174859-3	6010D	Antimony	0.95	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-2(3')	460-174859-3	8260C	Acetone	0.0055	mg/Kg	B	U	7
J174859-1	SESI-SB-2(3')	460-174859-3	9012B	Cyanide, Total	0.32	mg/Kg		J	8H
J174859-1	SESI-SB-2(15')	460-174859-4	6010D	Antimony	0.89	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-2(15')	460-174859-4	8260C	Acetone	0.0071	mg/Kg	B	U	7
J174859-1	SESI-SB-3(2')	460-174859-5	6010D	Antimony	0.97	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-3(2')	460-174859-5	8260C	Acetone	0.0045	mg/Kg	J B	U	7
J174859-1	SESI-SB-3(7')	460-174859-6	6010D	Antimony	0.87	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-3(7')	460-174859-6	8260C	Acetone	0.0071	mg/Kg	B	U	7
J174859-1	SESI-SB-3(13')	460-174859-7	6010D	Antimony	0.9	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-3(13')	460-174859-7	8260C	Acetone	0.0056	mg/Kg	B	U	7

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174859-1	SESI-SB-6(2')	460-174859-8	6010D	Antimony	1	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-6(2')	460-174859-8	8260C	Acetone	0.0041	mg/Kg	J B	U	7
J174859-1	SESI-SB-6(8')	460-174859-9	6010D	Antimony	0.85	mg/Kg	U	UJ	8L
J174859-1	SESI-SB-6(8')	460-174859-9	8260C	Acetone	0.0046	mg/Kg	J B	U	7
J174986-1	SESI-SB-6(20-22')	460-174986-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-6(20-22')	460-174986-1	8260C	Acetone	0.0052	mg/Kg	J B	U	7
J174986-1	SESI-SB-6(20-22')	460-174986-1	8270D	Atrazine	0.011	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-15(8')	460-174986-10	6010D	Antimony	0.9	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-15(8')	460-174986-10	8260C	Acetone	0.0045	mg/Kg	J B	U	7
J174986-1	SESI-SB-15(8')	460-174986-10	8270D	Atrazine	0.0087	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-15(14')	460-174986-11	6010D	Antimony	0.88	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-15(14')	460-174986-11	8270D	Atrazine	0.0096	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-16(3')	460-174986-12	6010D	Antimony	0.9	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	2,4-Dimethylphenol	0.017	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	2,6-Dinitrotoluene	0.013	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	4-Chlorophenyl phenyl ether	0.0061	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Anthracene	0.0043	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Atrazine	0.0098	mg/Kg	U F1 *	UJ	8L, 10L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Benzo[a]anthracene	0.014	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Benzo[a]pyrene	0.01	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Benzo[b]fluoranthene	0.01	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Benzo[k]fluoranthene	0.0076	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Bis(2-ethylhexyl) phthalate	0.02	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Carbazole	0.0045	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Chrysene	0.0065	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Dibenzofuran	0.0054	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Diethyl phthalate	0.0056	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Dimethyl phthalate	0.0047	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Di-n-butyl phthalate	0.068	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Fluoranthene	0.005	mg/Kg	U F1	UJ	8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Hexachlorobutadiene	0.0082	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Hexachloroethane	0.006	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Naphthalene	0.0067	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	N-Nitrosodiphenylamine	0.0074	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(3')	460-174986-12	8270D	Phenanthrene	0.0068	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-16(8')	460-174986-13	6010D	Antimony	0.85	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-16(8')	460-174986-13	8260C	Acetone	0.0039	mg/Kg	J B	U	7
J174986-1	SESI-SB-16(8')	460-174986-13	8270D	Atrazine	0.0091	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-16(13')	460-174986-14	6010D	Antimony	0.93	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-16(13')	460-174986-14	8260C	Acetone	0.0037	mg/Kg	J B	U	7
J174986-1	SESI-SB-16(13')	460-174986-14	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-23(4')	460-174986-15	6010D	Antimony	0.9	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-23(4')	460-174986-15	8270D	Atrazine	0.0095	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-23(7')	460-174986-16	6010D	Antimony	0.91	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-23(7')	460-174986-16	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-23(11')	460-174986-17	6010D	Antimony	0.87	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-23(11')	460-174986-17	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-23(16')	460-174986-18	6010D	Antimony	0.97	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-23(16')	460-174986-18	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J174986-1	DUP-2	460-174986-19	6010D	Antimony	1	mg/Kg	U	UJ	8L
J174986-1	DUP-2	460-174986-19	6010D	Copper	17.2	mg/Kg		J	8L
J174986-1	DUP-2	460-174986-19	6010D	Lead	108	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J174986-1	DUP-2	460-174986-19	8270D	Benzo[a]anthracene	2.4	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Benzo[a]pyrene	2.5	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Benzo[b]fluoranthene	4.1	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Benzo[k]fluoranthene	1.6	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Chrysene	3.1	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Dibenz(a,h)anthracene	0.54	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Fluorene	0.45	mg/Kg		J	9

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174986-1	DUP-2	460-174986-19	8270D	Indeno[1,2,3-cd]pyrene	2.2	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Phenanthrene	4.9	mg/Kg		J	9
J174986-1	DUP-2	460-174986-19	8270D	Pyrene	5.5	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	6010D	Antimony	0.93	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-7(3')	460-174986-2	6010D	Lead	38.6	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8260C	Acetone	0.0092	mg/Kg	J B	U	7
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Benzo[a]anthracene	1.3	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Benzo[a]pyrene	1.3	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Benzo[b]fluoranthene	2.2	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Benzo[k]fluoranthene	0.65	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Chrysene	1.6	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Dibenz(a,h)anthracene	0.28	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Fluorene	0.4	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Indeno[1,2,3-cd]pyrene	1.1	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Phenanthrene	2.7	mg/Kg		J	9
J174986-1	SESI-SB-7(3')	460-174986-2	8270D	Pyrene	2.8	mg/Kg		J	9
J174986-1	SESI-SB-7(8')	460-174986-3	6010D	Antimony	0.96	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-7(8')	460-174986-3	8260C	Acetone	0.0043	mg/Kg	J B	U	7
J174986-1	SESI-SB-7(8')	460-174986-3	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-7(13')	460-174986-4	6010D	Antimony	0.98	mg/Kg	U F1	UJ	8L
J174986-1	SESI-SB-7(13')	460-174986-4	8260C	Acetone	0.0044	mg/Kg	J B	U	7
J174986-1	SESI-SB-7(13')	460-174986-4	8270D	Atrazine	0.0095	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-10(4')	460-174986-5	6010D	Antimony	0.89	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-10(4')	460-174986-5	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-10(9')	460-174986-6	6010D	Antimony	0.87	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-10(9')	460-174986-6	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-10(11')	460-174986-7	6010D	Antimony	0.91	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-10(11')	460-174986-7	8260C	Acetone	0.0036	mg/Kg	J B	U	7
J174986-1	SESI-SB-10(11')	460-174986-7	8270D	Atrazine	0.0096	mg/Kg	U *	UJ	10L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J174986-1	SESI-SB-10(18')	460-174986-8	6010D	Antimony	1	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-10(18')	460-174986-8	8260C	Acetone	0.0051	mg/Kg	J B	U	7
J174986-1	SESI-SB-10(18')	460-174986-8	8270D	Atrazine	0.01	mg/Kg	U *	UJ	10L
J174986-1	SESI-SB-15(3')	460-174986-9	6010D	Antimony	0.92	mg/Kg	U	UJ	8L
J174986-1	SESI-SB-15(3')	460-174986-9	8270D	Atrazine	0.01	mg/Kg	U *	UJ	10L
J175121-1	SESI-SB-5(8')	460-175121-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-19(9')	460-175121-10	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-19(12')	460-175121-11	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-19(18')	460-175121-12	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-19(18')	460-175121-12	8260C	Methylene Chloride	0.00021	mg/Kg	J B	U	7
J175121-1	SESI-SB-19(23')	460-175121-13	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-20(5')	460-175121-14	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-20(5')	460-175121-14	9012B	Cyanide, Total	0.2	mg/Kg	J	J	8H
J175121-1	SESI-SB-20(6')	460-175121-15	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-20(6')	460-175121-15	8260C	Methylene Chloride	0.00048	mg/Kg	J B	U	7
J175121-1	SESI-SB-20(6')	460-175121-15	9012B	Cyanide, Total	0.19	mg/Kg	J	J	8H
J175121-1	SESI-SB-20(9')	460-175121-16	6010D	Antimony	1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-20(14')	460-175121-17	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-20(14')	460-175121-17	8260C	Methylene Chloride	0.00022	mg/Kg	J B	U	7
J175121-1	SESI-SB-5(12')	460-175121-2	6010D	Antimony	1.3	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-17(4')	460-175121-3	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-17(8')	460-175121-4	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-17(14')	460-175121-5	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-18(3')	460-175121-6	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-18(7')	460-175121-7	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-18(13')	460-175121-8	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175121-1	SESI-SB-19(3')	460-175121-9	6010D	Antimony	1.3	mg/Kg	U F1	UJ	8L
J175121-1	SESI-SB-19(3')	460-175121-9	8270D	2,4-Dinitrophenol	0.2	mg/Kg	U F1	UJ	8L
J175121-1	SESI-SB-19(3')	460-175121-9	8270D	4,6-Dinitro-2-methylphenol	0.067	mg/Kg	U F1	UJ	8L
J175121-1	SESI-SB-19(3')	460-175121-9	8270D	Atrazine	0.01	mg/Kg	U F1	UJ	8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175121-1	SESI-SB-19(3')	460-175121-9	8270D	Butyl benzyl phthalate	0.019	mg/Kg	U F1	UJ	8L
J175121-1	SESI-SB-19(3')	460-175121-9	8270D	Caprolactam	0.025	mg/Kg	U F1	UJ	8L
J175247-1	DUP-3	460-175247-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	DUP-3	460-175247-1	8260C	Bromoform	0.00038	mg/Kg	U	UJ	5BL
J175247-1	DUP-3	460-175247-1	8260C	Chlorodibromomethane	0.00017	mg/Kg	U	UJ	5BL
J175247-1	DUP-3	460-175247-1	8260C	Cyclohexane	0.0096	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	Ethylbenzene	0.0012	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	Isopropylbenzene	0.022	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	Methylcyclohexane	0.1	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	Methylene Chloride	0.00021	mg/Kg	J	J	9
J175247-1	DUP-3	460-175247-1	8260C	m-Xylene & p-Xylene	0.0054	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	o-Xylene	0.077	mg/Kg		J	9
J175247-1	DUP-3	460-175247-1	8260C	Toluene	0.00066	mg/Kg	J	J	9
J175247-1	DUP-3	460-175247-1	8270D	1,1'-Biphenyl	0.0047	mg/Kg	U	J	9
J175247-1	DUP-3	460-175247-1	8270D	2-Methylnaphthalene	0.0044	mg/Kg	U	UJ	9
J175247-1	DUP-3	460-175247-1	8270D	Atrazine	0.009	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-30 (10')	460-175247-10	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-30 (10')	460-175247-10	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-30 (12')	460-175247-11	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-30 (12')	460-175247-11	8260C	Acetone	0.0045	mg/Kg	J B	U	7
J175247-1	SESI-SB-30 (12')	460-175247-11	8260C	Bromoform	0.00044	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-30 (12')	460-175247-11	8260C	Chlorodibromomethane	0.0002	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-30 (12')	460-175247-11	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-30 (14')	460-175247-12	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-30 (14')	460-175247-12	8260C	Acetone	0.0045	mg/Kg	J B	U	7
J175247-1	SESI-SB-30 (14')	460-175247-12	8260C	Bromoform	0.00041	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-30 (14')	460-175247-12	8260C	Chlorodibromomethane	0.00019	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-30 (14')	460-175247-12	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-31 (9')	460-175247-13	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Cyclohexane	0.31	mg/Kg		J	9

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Ethylbenzene	0.38	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Isopropylbenzene	1.3	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Methylcyclohexane	3.7	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Methylene Chloride	0.043	mg/Kg	J	J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	m-Xylene & p-Xylene	1.4	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	o-Xylene	5.5	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8260C	Toluene	0.099	mg/Kg	J	J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8270D	1,1'-Biphenyl	0.77	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8270D	2-Methylnaphthalene	1.6	mg/Kg		J	9
J175247-1	SESI-SB-31 (9')	460-175247-13	8270D	Atrazine	0.009	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-31 (11')	460-175247-14	6010D	Antimony	1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-31 (11')	460-175247-14	8260C	Bromoform	0.00037	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-31 (11')	460-175247-14	8260C	Chlorodibromomethane	0.00017	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-31 (11')	460-175247-14	8270D	Atrazine	0.009	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-31 (14')	460-175247-15	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	2,3,4,6-Tetrachlorophenol	0.025	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	2,4-Dinitrophenol	0.18	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	2-Nitrophenol	0.012	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	4-Chlorophenyl phenyl ether	0.0059	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Acenaphthylene	0.0038	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Atrazine	0.0094	mg/Kg	U F1 *	UJ	8L,10L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Benzo[a]anthracene	0.013	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Benzo[a]pyrene	0.0099	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Benzo[k]fluoranthene	0.0073	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Bis(2-chloroethyl)ether	0.0045	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Chrysene	0.0063	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Dibenzofuran	0.0052	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Dimethyl phthalate	0.0045	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Di-n-butyl phthalate	0.066	mg/Kg	U F1	UJ	8L
J175247-1	SESI-SB-31 (14')	460-175247-15	8270D	Nitrobenzene	0.0089	mg/Kg	U F1	UJ	8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175247-1	DUP-4	460-175247-2	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	DUP-4	460-175247-2	8260C	Acetone	0.0046	mg/Kg	J B	U	7
J175247-1	DUP-4	460-175247-2	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	8260C	Acetone	0.0041	mg/Kg	J B	U	7
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	8260C	Bromoform	0.00037	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	8260C	Chlorodibromomethane	0.00017	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-15 (15'-17')	460-175247-3	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-28 (6')	460-175247-4	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-28 (6')	460-175247-4	8260C	Acetone	0.0034	mg/Kg	J B	U	7
J175247-1	SESI-SB-28 (6')	460-175247-4	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-28 (10')	460-175247-5	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-28 (10')	460-175247-5	8260C	Acetone	0.0055	mg/Kg	B	U	7
J175247-1	SESI-SB-28 (10')	460-175247-5	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-28 (15')	460-175247-6	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-28 (15')	460-175247-6	8260C	Acetone	0.0053	mg/Kg	B	U	7
J175247-1	SESI-SB-28 (15')	460-175247-6	8270D	Atrazine	0.01	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-29 (9')	460-175247-7	6010D	Antimony	1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1,1-Trichloroethane	0.024	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1,2,2-Tetrachloroethane	0.016	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	0.029	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1,2-Trichloroethane	0.0068	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1-Dichloroethane	0.021	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,1-Dichloroethene	0.029	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2,3-Trichlorobenzene	0.03	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2,4-Trichlorobenzene	0.023	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2-Dibromo-3-Chloropropane	0.02	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2-Dichlorobenzene	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2-Dichloroethane	0.021	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,2-Dichloropropane	0.015	mg/Kg	U	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,3-Dichlorobenzene	0.028	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,4-Dichlorobenzene	0.028	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	1,4-Dioxane	0.74	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	2-Butanone (MEK)	0.19	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	2-Hexanone	0.062	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	4-Methyl-2-pentanone (MIBK)	0.054	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Acetone	0.021	mg/Kg	B	U	7
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Acetone	0.092	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Benzene	0.016	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Bromoform	0.015	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Bromomethane	0.015	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Carbon disulfide	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Carbon tetrachloride	0.028	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chlorobenzene	0.021	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chlorobromomethane	0.026	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chlorodibromomethane	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chloroethane	0.032	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chloroform	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Chloromethane	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	cis-1,2-Dichloroethene	0.022	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	cis-1,3-Dichloropropene	0.014	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Cyclohexane	0.022	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Dichlorobromomethane	0.013	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Dichlorodifluoromethane	0.012	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Ethylbenzene	0.026	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Ethylene Dibromide	0.016	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Isopropylbenzene	0.027	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Methyl acetate	0.12	mg/Kg	J D	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Methyl tert-butyl ether	0.011	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Methylcyclohexane	0.019	mg/Kg	U	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Methylcyclohexane	0.5	mg/Kg	E	J	20
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Methylene Chloride	0.018	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	m-Xylene & p-Xylene	0.024	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	o-Xylene	0.027	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Styrene	0.015	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Tetrachloroethene	0.031	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Toluene	0.021	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	trans-1,2-Dichloroethene	0.015	mg/Kg	U *	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	trans-1,3-Dichloropropene	0.016	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Trichloroethene	0.019	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Trichlorofluoromethane	0.013	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8260C	Vinyl chloride	0.017	mg/Kg	U	DNR	11
J175247-1	SESI-SB-29 (9')	460-175247-7	8270D	Atrazine	0.0087	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-29 (12')	460-175247-8	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-29 (12')	460-175247-8	8081B	4,4'-DDD	0.0017	mg/Kg	J p	J	3
J175247-1	SESI-SB-29 (12')	460-175247-8	8081B	4,4'-DDT	0.0035	mg/Kg	J p	NJ	3
J175247-1	SESI-SB-29 (12')	460-175247-8	8260C	Acetone	0.0087	mg/Kg	B	U	7
J175247-1	SESI-SB-29 (12')	460-175247-8	8260C	Bromoform	0.00043	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-29 (12')	460-175247-8	8260C	Chlorodibromomethane	0.0002	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-29 (12')	460-175247-8	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J175247-1	SESI-SB-29 (14')	460-175247-9	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175247-1	SESI-SB-29 (14')	460-175247-9	8260C	Acetone	0.005	mg/Kg	B	U	7
J175247-1	SESI-SB-29 (14')	460-175247-9	8260C	Bromoform	0.0004	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-29 (14')	460-175247-9	8260C	Chlorodibromomethane	0.00018	mg/Kg	U	UJ	5BL
J175247-1	SESI-SB-29 (14')	460-175247-9	8270D	Atrazine	0.0096	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-12 (4')	460-175342-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-12 (4')	460-175342-1	8260C	Bromoform	0.016	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-12 (4')	460-175342-1	8260C	Chlorodibromomethane	0.02	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-12 (4')	460-175342-1	8270D	3-Nitroaniline	0.019	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-12 (4')	460-175342-1	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175342-1	SESI-SB-12 (4')	460-175342-1	8270D	Atrazine	0.009	mg/Kg	U * F1	UJ	8L,10L
J175342-1	SESI-SB-12 (6')	460-175342-2	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-12 (6')	460-175342-2	8260C	Bromoform	0.015	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-12 (6')	460-175342-2	8260C	Chlorodibromomethane	0.019	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-12 (6')	460-175342-2	8270D	3-Nitroaniline	0.019	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-12 (6')	460-175342-2	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-12 (6')	460-175342-2	8270D	Atrazine	0.0089	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	8260C	Bromoform	0.00036	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	8260C	Chlorodibromomethane	0.00016	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	8270D	3-Nitroaniline	0.021	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	8270D	4-Chloroaniline	0.027	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-17 (15'-17')	460-175342-3	8270D	Atrazine	0.0098	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	8260C	Bromoform	0.00046	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	8260C	Chlorodibromomethane	0.00021	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	8270D	3-Nitroaniline	0.022	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	8270D	4-Chloroaniline	0.029	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-18 (15'-17')	460-175342-4	8270D	Atrazine	0.01	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-24 (1')	460-175342-5	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-24 (1')	460-175342-5	8260C	Bromoform	0.017	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-24 (1')	460-175342-5	8260C	Chlorodibromomethane	0.021	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-24 (1')	460-175342-5	8270D	3-Nitroaniline	0.041	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-24 (1')	460-175342-5	8270D	4-Chloroaniline	0.052	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-24 (1')	460-175342-5	8270D	Atrazine	0.019	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-24 (6')	460-175342-6	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175342-1	SESI-SB-24 (6')	460-175342-6	8260C	Bromoform	0.015	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-24 (6')	460-175342-6	8260C	Chlorodibromomethane	0.019	mg/Kg	U	UJ	5BL
J175342-1	SESI-SB-24 (6')	460-175342-6	8270D	3-Nitroaniline	0.039	mg/Kg	U *	UJ	10L
J175342-1	SESI-SB-24 (6')	460-175342-6	8270D	4-Chloroaniline	0.05	mg/Kg	U *	UJ	10L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175342-1	SESI-SB-24 (6')	460-175342-6	8270D	Atrazine	0.018	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-7(15'-17')	460-175449-1	6010D	Lead	6.3	mg/Kg		J	5BH
J175449-1	SESI-SB-7(15'-17')	460-175449-1	8260C	2-Butanone (MEK)	0.0014	mg/Kg	J B	U	7
J175449-1	SESI-SB-7(15'-17')	460-175449-1	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-32(7')	460-175449-10	6010D	Lead	2.6	mg/Kg		J	5BH
J175449-1	SESI-SB-32(7')	460-175449-10	8260C	Acetone	0.094	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-32(7')	460-175449-10	8270D	Atrazine	0.0096	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-14(2')	460-175449-2	6010D	Lead	2.4	mg/Kg		J	5BH
J175449-1	SESI-SB-14(2')	460-175449-2	8270D	Atrazine	0.0089	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-14(6')	460-175449-3	6010D	Lead	4.2	mg/Kg		J	5BH
J175449-1	SESI-SB-14(6')	460-175449-3	8260C	2-Butanone (MEK)	0.0019	mg/Kg	J B	U	7
J175449-1	SESI-SB-14(6')	460-175449-3	8260C	Methylene Chloride	0.00017	mg/Kg	J B	U	7
J175449-1	SESI-SB-14(6')	460-175449-3	8270D	Atrazine	0.0093	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-21(3')	460-175449-4	6010D	Lead	2.9	mg/Kg		J	5BH
J175449-1	SESI-SB-21(3')	460-175449-4	8260C	2-Butanone (MEK)	0.0014	mg/Kg	J B	U	7
J175449-1	SESI-SB-21(3')	460-175449-4	8260C	Methylene Chloride	0.00015	mg/Kg	J B	U	7
J175449-1	SESI-SB-21(3')	460-175449-4	8270D	Atrazine	0.009	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-21(8')	460-175449-5	6010D	Lead	6	mg/Kg		J	5BH
J175449-1	SESI-SB-21(8')	460-175449-5	8260C	2-Butanone (MEK)	0.0016	mg/Kg	J B	U	7
J175449-1	SESI-SB-21(8')	460-175449-5	8270D	Atrazine	0.0092	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-22(5')	460-175449-6	6010D	Lead	3	mg/Kg		J	5BH
J175449-1	SESI-SB-22(5')	460-175449-6	8260C	Acetone	0.092	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-22(5')	460-175449-6	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-22(7')	460-175449-7	6010D	Lead	2.6	mg/Kg		J	5BH
J175449-1	SESI-SB-22(7')	460-175449-7	8260C	Acetone	0.094	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-22(7')	460-175449-7	8270D	Atrazine	0.0097	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-22(11')	460-175449-8	6010D	Lead	4.3	mg/Kg		J	5BH
J175449-1	SESI-SB-22(11')	460-175449-8	8260C	2-Butanone (MEK)	0.0019	mg/Kg	J B	U	7
J175449-1	SESI-SB-22(11')	460-175449-8	8270D	Atrazine	0.0094	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-32(4')	460-175449-9	6010D	Lead	3.9	mg/Kg		J	5BH

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175449-1	SESI-SB-32(4')	460-175449-9	8260C	Acetone	0.099	mg/Kg	U *	UJ	10L
J175449-1	SESI-SB-32(4')	460-175449-9	8270D	Atrazine	0.05	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(3')	460-175638-1	6010D	Chromium	18.2	mg/Kg		J	9
J175638-1	SESI-SB-13(3')	460-175638-1	8260C	2-Butanone (MEK)	0.0012	mg/Kg	J B	U	7
J175638-1	SESI-SB-13(3')	460-175638-1	8260C	Methylene Chloride	0.00023	mg/Kg	J B	U	7
J175638-1	SESI-SB-13(3')	460-175638-1	8270D	3,3'-Dichlorobenzidine	0.062	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(3')	460-175638-1	8270D	3-Nitroaniline	0.022	mg/Kg	U *	R	10L
J175638-1	SESI-SB-13(3')	460-175638-1	8270D	4-Chloroaniline	0.029	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(3')	460-175638-1	8270D	4-Nitroaniline	0.015	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(11')	460-175638-10	6010D	Chromium	12.8	mg/Kg		J	9
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1,1-Trichloroethane	0.025	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1,2,2-Tetrachloroethane	0.017	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	0.03	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1,2-Trichloroethane	0.0071	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1-Dichloroethane	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,1-Dichloroethene	0.03	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2,3-Trichlorobenzene	0.031	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2,4-Trichlorobenzene	0.024	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2-Dibromo-3-Chloropropane	0.02	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2-Dichlorobenzene	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2-Dichloroethane	0.022	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,2-Dichloropropane	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,3-Dichlorobenzene	0.029	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,4-Dichlorobenzene	0.029	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	1,4-Dioxane	0.77	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	2-Butanone (MEK)	0.0011	mg/Kg	J B	U	7
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	2-Butanone (MEK)	0.19	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	2-Hexanone	0.064	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	4-Methyl-2-pentanone (MIBK)	0.056	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Acetone	0.095	mg/Kg	U *	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Benzene	0.017	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Bromoform	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Bromomethane	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Carbon disulfide	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Carbon tetrachloride	0.029	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chlorobenzene	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chlorobromomethane	0.027	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chlorodibromomethane	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chloroethane	0.033	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chloroform	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Chloromethane	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	cis-1,2-Dichloroethene	0.023	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	cis-1,3-Dichloropropene	0.014	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Cyclohexane	0.48	mg/Kg	E	J	20
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Cyclohexane	0.023	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Dichlorobromomethane	0.013	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Dichlorodifluoromethane	0.012	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Ethylbenzene	0.027	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Ethylene Dibromide	0.017	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Isopropylbenzene	0.034	mg/Kg	J D	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Isopropylbenzene	0.52	mg/Kg	E	J	20
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Methyl acetate	0.051	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Methyl tert-butyl ether	0.012	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Methylcyclohexane	0.076	mg/Kg	J D	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Methylcyclohexane	3.2	mg/Kg	E	J	20
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Methylene Chloride	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	m-Xylene & p-Xylene	0.025	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	o-Xylene	0.028	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Styrene	0.015	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Tetrachloroethene	0.032	mg/Kg	U	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Toluene	0.022	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	trans-1,2-Dichloroethene	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	trans-1,3-Dichloropropene	0.017	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Trichloroethene	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Trichlorofluoromethane	0.013	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8260C	Vinyl chloride	0.018	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(11')	460-175638-10	8270D	3,3'-Dichlorobenzidine	0.11	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(11')	460-175638-10	8270D	3-Nitroaniline	0.04	mg/Kg	U *	R	10L
J175638-1	SESI-SB-27(11')	460-175638-10	8270D	4-Chloroaniline	0.052	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(11')	460-175638-10	8270D	4-Nitroaniline	0.028	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(4')	460-175638-11	6010D	Chromium	16.9	mg/Kg		J	9
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	2-Methylnaphthalene	1.5	mg/Kg	F1	J	8H
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	3,3'-Dichlorobenzidine	0.054	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	3-Nitroaniline	0.019	mg/Kg	U *	R	10L
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	4-Nitroaniline	0.013	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	Fluorene	0.9	mg/Kg	F1	J	8H
J175638-1	SESI-SB-33(4')	460-175638-11	8270D	Phenanthrene	2	mg/Kg	F1	J	8H
J175638-1	SESI-SB-33(6')	460-175638-12	6010D	Chromium	12.1	mg/Kg		J	9
J175638-1	SESI-SB-33(6')	460-175638-12	8270D	3,3'-Dichlorobenzidine	0.28	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(6')	460-175638-12	8270D	3-Nitroaniline	0.1	mg/Kg	U *	R	10L
J175638-1	SESI-SB-33(6')	460-175638-12	8270D	4-Chloroaniline	0.13	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-33(6')	460-175638-12	8270D	4-Nitroaniline	0.069	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(2')	460-175638-13	8260C	Methylene Chloride	0.00052	mg/Kg	J B	U	7
J175638-1	SESI-SB-34(2')	460-175638-13	8270D	3,3'-Dichlorobenzidine	0.053	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(2')	460-175638-13	8270D	3-Nitroaniline	0.019	mg/Kg	U *	R	10L
J175638-1	SESI-SB-34(2')	460-175638-13	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(2')	460-175638-13	8270D	4-Nitroaniline	0.013	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(6')	460-175638-14	6010D	Chromium	46.5	mg/Kg		J	9
J175638-1	SESI-SB-34(6')	460-175638-14	8260C	Methylene Chloride	0.00021	mg/Kg	J B	U	7

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-34(6')	460-175638-14	8270D	3,3'-Dichlorobenzidine	0.055	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(6')	460-175638-14	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	SESI-SB-34(6')	460-175638-14	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-34(6')	460-175638-14	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	DUP-5	460-175638-15	8260C	2-Butanone (MEK)	0.0027	mg/Kg	J B	U	7
J175638-1	DUP-5	460-175638-15	8260C	Isopropylbenzene	0.014	mg/Kg		J	9
J175638-1	DUP-5	460-175638-15	8260C	Methylcyclohexane	0.0016	mg/Kg		J	9
J175638-1	DUP-5	460-175638-15	8260C	o-Xylene	0.0023	mg/Kg		J	9
J175638-1	DUP-5	460-175638-15	8270D	2-Methylnaphthalene	4.3	mg/Kg		J	9
J175638-1	DUP-5	460-175638-15	8270D	3,3'-Dichlorobenzidine	0.056	mg/Kg	U *	UJ	10L
J175638-1	DUP-5	460-175638-15	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	DUP-5	460-175638-15	8270D	4-Chloroaniline	0.026	mg/Kg	U *	UJ	10L
J175638-1	DUP-5	460-175638-15	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	DUP-5	460-175638-15	8270D	Fluorene	1	mg/Kg		J	9
J175638-1	DUP-5	460-175638-15	8270D	Phenanthrene	2.6	mg/Kg		J	9
J175638-1	DUP-6	460-175638-16	6010D	Manganese	694	mg/Kg		J	9
J175638-1	DUP-6	460-175638-16	8260C	Methylene Chloride	0.00036	mg/Kg	J B	U	7
J175638-1	DUP-6	460-175638-16	8270D	3,3'-Dichlorobenzidine	0.057	mg/Kg	U *	UJ	10L
J175638-1	DUP-6	460-175638-16	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	DUP-6	460-175638-16	8270D	4-Chloroaniline	0.026	mg/Kg	U *	UJ	10L
J175638-1	DUP-6	460-175638-16	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(7')	460-175638-2	6010D	Chromium	22.1	mg/Kg		J	9
J175638-1	SESI-SB-13(7')	460-175638-2	6010D	Manganese	291	mg/Kg		J	9
J175638-1	SESI-SB-13(7')	460-175638-2	8260C	2-Butanone (MEK)	0.0015	mg/Kg	J B	U	7
J175638-1	SESI-SB-13(7')	460-175638-2	8260C	Methylene Chloride	0.00024	mg/Kg	J B	U	7
J175638-1	SESI-SB-13(7')	460-175638-2	8270D	3,3'-Dichlorobenzidine	0.057	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(7')	460-175638-2	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	SESI-SB-13(7')	460-175638-2	8270D	4-Chloroaniline	0.026	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-13(7')	460-175638-2	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(3')	460-175638-3	6010D	Chromium	26.3	mg/Kg		J	9

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-25(3')	460-175638-3	8260C	2-Butanone (MEK)	0.0013	mg/Kg	J B	U	7
J175638-1	SESI-SB-25(3')	460-175638-3	8270D	3,3'-Dichlorobenzidine	3.2	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(3')	460-175638-3	8270D	3-Nitroaniline	1.1	mg/Kg	U *	R	10L
J175638-1	SESI-SB-25(3')	460-175638-3	8270D	4-Chloroaniline	1.5	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(3')	460-175638-3	8270D	4-Nitroaniline	0.79	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(8')	460-175638-4	6010D	Chromium	24.7	mg/Kg		J	9
J175638-1	SESI-SB-25(8')	460-175638-4	8260C	2-Butanone (MEK)	0.0014	mg/Kg	J B	U	7
J175638-1	SESI-SB-25(8')	460-175638-4	8260C	Methylene Chloride	0.00023	mg/Kg	J B	U	7
J175638-1	SESI-SB-25(8')	460-175638-4	8270D	3,3'-Dichlorobenzidine	0.055	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(8')	460-175638-4	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	SESI-SB-25(8')	460-175638-4	8270D	4-Chloroaniline	0.026	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-25(8')	460-175638-4	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(3')	460-175638-5	6010D	Chromium	19.9	mg/Kg		J	9
J175638-1	SESI-SB-26(3')	460-175638-5	8270D	3,3'-Dichlorobenzidine	0.059	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(3')	460-175638-5	8270D	3-Nitroaniline	0.021	mg/Kg	U *	R	10L
J175638-1	SESI-SB-26(3')	460-175638-5	8270D	4-Chloroaniline	0.027	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(3')	460-175638-5	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(7')	460-175638-6	6010D	Chromium	23.8	mg/Kg		J	9
J175638-1	SESI-SB-26(7')	460-175638-6	8260C	2-Butanone (MEK)	0.0013	mg/Kg	J B	U	7
J175638-1	SESI-SB-26(7')	460-175638-6	8260C	Methylene Chloride	0.00027	mg/Kg	J B	U	7
J175638-1	SESI-SB-26(7')	460-175638-6	8270D	3,3'-Dichlorobenzidine	0.055	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(7')	460-175638-6	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	SESI-SB-26(7')	460-175638-6	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(7')	460-175638-6	8270D	4-Nitroaniline	0.014	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(12')	460-175638-7	6010D	Chromium	20.5	mg/Kg		J	9
J175638-1	SESI-SB-26(12')	460-175638-7	8260C	2-Butanone (MEK)	0.0014	mg/Kg	J B	U	7
J175638-1	SESI-SB-26(12')	460-175638-7	8260C	Methylene Chloride	0.00026	mg/Kg	J B	U	7
J175638-1	SESI-SB-26(12')	460-175638-7	8270D	3,3'-Dichlorobenzidine	0.054	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-26(12')	460-175638-7	8270D	3-Nitroaniline	0.019	mg/Kg	U *	R	10L
J175638-1	SESI-SB-26(12')	460-175638-7	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-26(12')	460-175638-7	8270D	4-Nitroaniline	0.013	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(4')	460-175638-8	6010D	Chromium	19.2	mg/Kg		J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8260C	Isopropylbenzene	1	mg/Kg		J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8260C	Methylcyclohexane	0.49	mg/Kg		J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8260C	o-Xylene	0.082	mg/Kg	J	J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	2-Methylnaphthalene	2.4	mg/Kg		J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	3,3'-Dichlorobenzidine	0.055	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	4-Chloroaniline	0.025	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	4-Nitroaniline	0.013	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	Fluorene	2	mg/Kg		J	9
J175638-1	SESI-SB-27(4')	460-175638-8	8270D	Phenanthrene	6.7	mg/Kg		J	9
J175638-1	SESI-SB-27(7')	460-175638-9	6010D	Chromium	13.1	mg/Kg		J	9
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1,1-Trichloroethane	0.024	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1,2,2-Tetrachloroethane	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1,2-Trichloro-1,2,2-trifluoroethane	0.029	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1,2-Trichloroethane	0.0069	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1-Dichloroethane	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,1-Dichloroethene	0.029	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2,3-Trichlorobenzene	0.03	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2,4-Trichlorobenzene	0.023	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2-Dibromo-3-Chloropropane	0.02	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2-Dichlorobenzene	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2-Dichloroethane	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,2-Dichloropropane	0.015	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,3-Dichlorobenzene	0.028	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,4-Dichlorobenzene	0.028	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	1,4-Dioxane	0.75	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	2-Butanone (MEK)	0.19	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	2-Hexanone	0.062	mg/Kg	U	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	4-Methyl-2-pentanone (MIBK)	0.054	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Acetone	0.092	mg/Kg	U *	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Benzene	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Bromoform	0.015	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Bromomethane	0.015	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Carbon disulfide	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Carbon tetrachloride	0.028	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chlorobenzene	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chlorobromomethane	0.026	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chlorodibromomethane	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chloroethane	0.032	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chloroform	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Chloromethane	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	cis-1,2-Dichloroethene	0.022	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	cis-1,3-Dichloropropene	0.014	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Cyclohexane	0.022	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Dichlorobromomethane	0.013	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Dichlorodifluoromethane	0.012	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Ethylbenzene	0.026	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Ethylene Dibromide	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Isopropylbenzene	0.53	mg/Kg	E	J	20
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Isopropylbenzene	0.073	mg/Kg	J D	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Methyl acetate	0.05	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Methyl tert-butyl ether	0.011	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Methylcyclohexane	0.15	mg/Kg	D	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Methylcyclohexane	3.2	mg/Kg	E	J	20
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Methylene Chloride	0.03	mg/Kg	J D	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	m-Xylene & p-Xylene	0.024	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	o-Xylene	0.027	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Styrene	0.015	mg/Kg	U	DNR	11

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Tetrachloroethene	0.031	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Toluene	0.021	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	trans-1,2-Dichloroethene	0.015	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	trans-1,3-Dichloropropene	0.016	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Trichloroethene	0.019	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Trichlorofluoromethane	0.013	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8260C	Vinyl chloride	0.017	mg/Kg	U	DNR	11
J175638-1	SESI-SB-27(7')	460-175638-9	8270D	3,3'-Dichlorobenzidine	0.28	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(7')	460-175638-9	8270D	3-Nitroaniline	0.68	mg/Kg	J *	R	10L
J175638-1	SESI-SB-27(7')	460-175638-9	8270D	4-Chloroaniline	0.13	mg/Kg	U *	UJ	10L
J175638-1	SESI-SB-27(7')	460-175638-9	8270D	4-Nitroaniline	0.068	mg/Kg	U *	UJ	10L
J175667-1	SESI-SB-25(10-12')	460-175667-1	6010D	Antimony	1.1	mg/Kg	U	UJ	8L
J175667-1	SESI-SB-25(10-12')	460-175667-1	6010D	Iron	10800	mg/Kg		J	9
J175667-1	SESI-SB-25(10-12')	460-175667-1	6010D	Manganese	176	mg/Kg		J	9
J175667-1	SESI-SB-25(10-12')	460-175667-1	6010D	Selenium	2.5	mg/Kg	U	UJ	5BL
J175667-1	SESI-SB-25(10-12')	460-175667-1	6010D	Zinc	20	mg/Kg		J	9
J175667-1	SESI-SB-25(10-12')	460-175667-1	8260C	Methylene Chloride	0.0002	mg/Kg	J B	U	7
J175667-1	SESI-SB-25(10-12')	460-175667-1	8270D	3,3'-Dichlorobenzidine	0.055	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(10-12')	460-175667-1	8270D	3-Nitroaniline	0.02	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(10-12')	460-175667-1	8270D	4-Chloroaniline	0.026	mg/Kg	U *	UJ	10L
J175667-1	SESI-SB-25(15-17')	460-175667-2	6010D	Antimony	1.2	mg/Kg	U	UJ	8L
J175667-1	SESI-SB-25(15-17')	460-175667-2	6010D	Iron	20100	mg/Kg		J	9
J175667-1	SESI-SB-25(15-17')	460-175667-2	6010D	Manganese	327	mg/Kg		J	9
J175667-1	SESI-SB-25(15-17')	460-175667-2	6010D	Selenium	2.7	mg/Kg	U	UJ	5BL
J175667-1	SESI-SB-25(15-17')	460-175667-2	6010D	Zinc	44.2	mg/Kg		J	9
J175667-1	SESI-SB-25(15-17')	460-175667-2	8260C	Methylene Chloride	0.00015	mg/Kg	J B	U	7
J175667-1	SESI-SB-25(15-17')	460-175667-2	8270D	3,3'-Dichlorobenzidine	0.058	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(15-17')	460-175667-2	8270D	3-Nitroaniline	0.021	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(15-17')	460-175667-2	8270D	4-Chloroaniline	0.027	mg/Kg	U *	UJ	10L
J175667-1	SESI-SB-25(20-22')	460-175667-3	6010D	Antimony	1.4	mg/Kg	J	J	8L

Qualified Data Summary Table
SESI - Lecount Place

SDG	SAMPLE ID	LAB ID	METHOD	ANALYTE	RESULT	UNITS	LAB QUAL	DV QUAL	DV CODE
J175667-1	SESI-SB-25(20-22')	460-175667-3	6010D	Iron	47500	mg/Kg		J	9
J175667-1	SESI-SB-25(20-22')	460-175667-3	6010D	Manganese	599	mg/Kg		J	9
J175667-1	SESI-SB-25(20-22')	460-175667-3	6010D	Selenium	3.1	mg/Kg	U	UJ	5BL
J175667-1	SESI-SB-25(20-22')	460-175667-3	6010D	Zinc	75.8	mg/Kg		J	9
J175667-1	SESI-SB-25(20-22')	460-175667-3	8260C	Methylene Chloride	0.00028	mg/Kg	J B	U	7
J175667-1	SESI-SB-25(20-22')	460-175667-3	8270D	3,3'-Dichlorobenzidine	0.065	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(20-22')	460-175667-3	8270D	3-Nitroaniline	0.023	mg/Kg	U *	R	10L
J175667-1	SESI-SB-25(20-22')	460-175667-3	8270D	4-Chloroaniline	0.03	mg/Kg	U *	UJ	10L
J175667-1	SESI-SB-26(15-17')	460-175667-4	6010D	Antimony	1.2	mg/Kg	J	J	8L
J175667-1	SESI-SB-26(15-17')	460-175667-4	6010D	Iron	28700	mg/Kg		J	9
J175667-1	SESI-SB-26(15-17')	460-175667-4	6010D	Manganese	355	mg/Kg		J	9
J175667-1	SESI-SB-26(15-17')	460-175667-4	6010D	Selenium	2.7	mg/Kg	U	UJ	5BL
J175667-1	SESI-SB-26(15-17')	460-175667-4	6010D	Zinc	60	mg/Kg		J	9
J175667-1	SESI-SB-26(15-17')	460-175667-4	8260C	2-Butanone (MEK)	0.0011	mg/Kg	J B	U	7
J175667-1	SESI-SB-26(15-17')	460-175667-4	8260C	Methylene Chloride	0.00017	mg/Kg	J B	U	7
J175667-1	SESI-SB-26(15-17')	460-175667-4	8270D	3,3'-Dichlorobenzidine	0.059	mg/Kg	U *	R	10L
J175667-1	SESI-SB-26(15-17')	460-175667-4	8270D	3-Nitroaniline	0.021	mg/Kg	U *	R	10L
J175667-1	SESI-SB-26(15-17')	460-175667-4	8270D	4-Chloroaniline	0.027	mg/Kg	U *	UJ	10L

ECOCHEM
Data Quality

APPENDIX C
DATA VALIDATION REPORTS

DATA VALIDATION REPORT
SESI – Lecount Place
Volatile Organic Compounds by Method SW8260C

This report documents the review of analytical data from the analysis of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by TestAmerica, Edison, New Jersey. Refer to the Sample Index for a list of samples reviewed.

SDG	NUMBER OF SAMPLES AND MATRIX	VALIDATION LEVEL
J-174677-1	4 Soil	EPA Stage 4
J-174772-1	6 Soil	EPA Stage 4
J-174859-1	22 Soil	EPA Stage 4
J-174986-1	19 Soil	EPA Stage 4
J-175121-1	17 Soil	EPA Stage 4
J-175247-1	15 Soil	EPA Stage 4
J-175342-1	6 Soil	EPA Stage 4
J-175449-1	10 Soil	EPA Stage 4
J-175638-1	16 Soil	EPA Stage 4
J-175667-1	4 Soil	EPA Stage 4

DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Sample Receipt, Preservation, and Holding Times	1	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
✓	GC/MS Instrument Performance (Tune)	2	Field Duplicates
✓	Initial Calibration (ICAL)	✓	Internal Standards
2	Continuing Calibration (CCAL)	✓	Target Analyte List
2	Laboratory Blanks	✓	Reporting Limits
1	Field Blanks	✓	Compound Identification
1	Surrogate Compounds	2	Reported Results
2	Laboratory Control Samples (LCS)	1	Calculation Verification

✓ Stated method quality objectives (MQO) and QC criteria have been met. No outliers are noted or discussed.
1 Quality control outliers are discussed below, but no data were qualified.
2 Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Sample Receipt, Preservation, and Holding Times

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Continuing Calibration (CCAL)

The NYSDEC ASP indicates a requirement for the laboratory to analyze a closing CCAL standard at the end of an analytical sequence. The laboratory only analyzed an opening CCCAL standard at the beginning of a sequence. Although the ASP specifically requires this closing standard, the laboratory analyzed the samples using EPA method 8260C which does not have a closing CCV requirement. Because the laboratory was following the specified method and all other aspects of calibration were met, no qualification was deemed necessary.

With the exceptions noted below, all RRF values were greater than the 0.05 minimum control limit (0.01 for analytes exhibiting poor response) and all %D values were within the ±25% (40% for analytes exhibiting poor response) control limits for all continuing calibration verifications (CCAL). When the %D outlier indicates a potential high bias, and there were no positive results for these compounds, no qualifiers were required.

SDG	CCAL Date	Compound	Potential Bias	Action
J175247-1	2/15/19	Chlorodibromomethane	Low	UJ-5BL
		Bromoform	Low	UJ-5BL
J175342-1	2/15/19	Chlorodibromomethane	Low	UJ-5BL
		Bromoform	Low	UJ-5BL

Laboratory Blanks

To assess the impact of any blank contaminant on the reported sample results, an action level is established at five times (5x) the concentration reported in the blank. For the common laboratory contaminants (acetone, methylene chloride, and 2-butanone), the action level is ten times (10x) the concentration reported in the blank. If a contaminant is reported in an associated field sample and the concentration is less than the action level, the result is qualified as not detected (U-7). No action is taken if the sample result is greater than the action level, or for non-detected results.

SDG J174667-1: Acetone and methylene chloride were detected in the laboratory method blanks. Results for both these analytes in all samples were less than the 10x action levels and were qualified as not detected (U-7) at the reported concentration. 2-butanone was also detected, but this analyte was not detected in the associated samples; no qualification was required.

SDGs J174772-1, J174859-1, J174986-1, J175247-1: Acetone was detected in the laboratory method blanks. All associated sample results less than the 10x action level were qualified as not detected (U-7).

SDG J175121-1: Methylene chloride was detected in both laboratory method blanks. All associated sample results less than the 10x action level were qualified as not detected (U-7). The compound 1,2,4-trichlorobenzene was also detected, but this analyte was not detected in the associated samples; no qualification was required.

SDGs J175449-1, J175638-1, J175667-1: Methylene chloride and 2-butanone were detected in the laboratory method blanks. All associated sample results less than the 10x action level were qualified as not detected (U-7).

Field Blanks

Field blanks were not submitted.

Surrogate Compounds

The surrogate compounds 1,2-dichloroethane-d4 (DCA), 4-bromofluorobenzene (BFB), dibromofluoromethane (DBFM), and toluene-d8 (TOL) were added to all field and batch QC samples. When two or more surrogate %R values are below the control limits and indicate a potential low bias, associated results for the affected fraction are estimated (J/UJ-13L). When two or more surrogate %R values are greater than the control limit and indicate a potential high bias, only the positive results for a sample are estimated (J-13H). The following outliers were noted:

J174859-1: Surrogate recoveries for DCA and BFB were greater than the upper control limits for Samples SESI-SB-9(13') and SESE-SB-11(4') indicating a potential high bias. There were no target analyte detections for these samples; no data were qualified.

J175638-1: The surrogate recovery for TOL was greater than the upper control limit for Sample SESI-SB-27(7') indicating a potential high bias. No data were qualified for this single outlier.

Laboratory Control Samples

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the required frequency of one per batch of 20 or fewer samples. With the exception noted below, the spike recoveries were within the laboratory control limits.

SDG J175247-1: The LCS recovery for 2-hexanone in batch 589453 was less than the lower control limit but the LCSD recovery was in control; no qualifiers were assigned based on this single outlier. The LCSD recovery of tran-1,2-dichloroethene was greater than the upper control limit, but the LCS recovery was in control; no qualifiers were assigned based on this single outlier.

SDG J175342-1: The LCSD recovery of tran-1,2-dichloroethene in batch 589548 was greater than the upper control limit, but the LCS recovery was in control; no qualifiers were assigned based on this single outlier.

SDG J175449-1: The LCS and LCSD recoveries for methyl tert-butyl ether in batch 589807 were greater than the upper control limits. This compound was not detected in the associated samples; no qualification was required.

The LCS and LCSD recoveries for acetone in batch 589995 were less than the lower control limits. The detection limits for acetone were estimated (UJ-10L) in the associated samples.

SDG J175667-1: The LCS and LCSD recoveries for methyl tert-butyl ether in batch 590584 were greater than the upper control limits. This compound was not detected in the associated samples; no qualification was required.

Matrix Spike/Matrix Spike Duplicates

No matrix spike/matrix spike duplicates were analyzed. Accuracy was evaluated using the surrogate and LCS/LCSD recoveries. Precision was assessed using the LCS/LCSD Relative percent difference values.

Field Duplicates

For soil samples, the RPD control limit is 35% for results greater than 5x the reporting limit (RL). For results less than 5x the RL, the absolute difference between the sample and replicate must be less than 2x the RL.

SDG J174677-1: Samples SESI-SB-4(5-7') and DUP-1 were identified as field duplicates. Following method blank evaluation, no positive analyte detections remained. Field precision was acceptable.

SDG J174986-1: Samples SESI-SB-7(3') and DUP-2 were identified as field duplicates. Following method blank evaluation, no positive analyte detections remained. Field precision was acceptable.

SDG J175247-1: Samples SESI-SB-31(9') and DUP-3 were identified as field duplicates. The parent sample was analyzed as a medium-level (apparent 50x dilution factor) and the duplicate sample was analyzed as a low level. Both sets of results exhibited the same analyte detections but at significantly difference concentrations. All positive results were estimated (J-9).

Samples SESI-SB-28(10') and DUP-4 were identified as an additional duplicate pair submitted in this SDG. Field precision was acceptable.

SDG J175638-1: Samples SESI-SB-27(4') and DUP-5 were identified as field duplicates. The parent sample was analyzed as a as a medium level (apparent 50x dilution factor) and the duplicate sample was analyzed as a low-level. Analytes that were detected in both samples exhibited significantly difference concentrations. These analyte detections were estimated (J-9).

Samples SESI-SB-13(7') and DUP-6 were identified as an additional duplicate pair submitted in this SDG. Field precision was acceptable.

Reported Results

SDG J175247-1: For Sample SESI-SB-29(9'), methylcyclohexane was reported with an 'E' flag indicating that the result is greater than the calibrated range of the instrument. The laboratory case narrative indicated that the medium level aliquot of the sample was also analyzed but did not match the low-level result. The laboratory reported both sets of data. The methylcyclohexane result in the low-level analysis has been estimated (J-20) and all results from the medium level analysis have been flagged do-not-report (DNR-11) to indicate which results from multiple reported analyses should not be used.

SDG J175638-1: For Samples SESI-SB-27(7') and SESI-SB-27(11'), methylcyclohexane, isopropylbenzene and cyclohexane were reported with 'E' flags indicating that the results are greater than the calibrated range of the instrument. The laboratory case narrative indicated that the medium level aliquots of the samples were also analyzed but did not match the low-level result. The laboratory reported both sets of data. All results for these compounds in the low-level analyses have been estimated (J-20) and all results from the medium level analyses have been flagged do-not-report (DNR-11) to indicate from multiple reported analyses should not be used.

Calculation Verification

Several results were verified by recalculation from the raw data. No calculation or transcription errors were found.

OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical method. With the exceptions noted above, accuracy was acceptable as demonstrated by the surrogate and laboratory control sample/laboratory control sample duplicate recoveries. With the exception noted previously, precision was acceptable as demonstrated by the laboratory control sample/laboratory control sample duplicate and field duplicate RPD values.

Results were qualified due to method blank contamination, continuing calibration and laboratory control sample outliers. Results were also estimated because the reported result exceeded the calibrated range of the instrument.

Results were flagged as do-not-report (DNR) to indicate which results among multiple reported results not to use. Results flagged as DNR should not be used for any purpose.

All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
SESI – Lecount Place
Semi-Volatile Organic Compounds by SW8270D

This report documents the review of analytical data from the analysis of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by TestAmerica, Edison, New Jersey. Refer to the Sample Index for a list of samples reviewed.

SDG	NUMBER OF SAMPLES AND MATRIX	VALIDATION LEVEL
J-174677-1	4 Soil	EPA Stage 4
J-174772-1	6 Soil	EPA Stage 4
J-174859-1	22 Soil	EPA Stage 4
J-174986-1	19 Soil	EPA Stage 4
J-175121-1	17 Soil	EPA Stage 4
J-175247-1	15 Soil	EPA Stage 4
J-175342-1	6 Soil	EPA Stage 4
J-175449-1	10 Soil	EPA Stage 4
J-175638-1	16 Soil	EPA Stage 4
J-175667-1	4 Soil	EPA Stage 4

DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

✓	Sample Receipt, Preservation, and Holding Times	**2**	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)
✓	Tune	**2**	Field Duplicates
✓	Initial Calibration	✓	Internal Standards
1	Continuing Calibration	✓	Target Analyte List
✓	Laboratory Blanks	✓	Reporting Limits
1	Field Blanks	✓	Reported Results
✓	Labeled Compounds/ Surrogate Compounds	**2**	Compound Identification
2	Laboratory Control Sample (LCS)	**1**	Calculation Verification

✓ Stated method quality objectives (MQO) and QC criteria have been met. No outliers are noted or discussed.
[1] Quality control results are discussed below, but no data were qualified.
[2] Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Sample Receipt, Preservation, and Holding Times

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Continuing Calibration Verification

The NYSDEC ASP indicates a requirement for the laboratory to analyze a closing CCAL standard at the end of an analytical sequence. The laboratory only analyzed an opening CCAL standard at the beginning of a sequence. Although the ASP specifically requires this closing standard, the laboratory analyzed the samples using EPA method 8270D which does not have a closing CCV requirement. Because the laboratory was following the specified method and all other aspects of calibration were met, no qualification was deemed necessary.

Field Blanks

No field blanks were submitted.

Laboratory Control Samples

Laboratory control samples (LCS) and/or laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed at the required frequency of one per batch of 20 or fewer samples. For batches with both and LCS and LCSD, no action is taken unless both the LCS and LCSD %R values are outside the control limits. Precision is evaluated using the relative percent difference (RPD) values calculated between the LCS and LCSD results.

When the LCS/LCSD %R values indicate a potential low bias, associated results are estimated (J/UJ-10L). Only associated positive results are estimated (J-10H) if the %R values indicate a potential high bias. Associated positive results are estimated (J-9) if the RPD values indicate uncertainty. Qualifiers were issued to all samples in the extraction batch.

Although various laboratory control samples exhibited recoveries outside control limits, only the following required qualification in the associated field samples:

SDG	Batch	Analyte	LCS %R	LCSD %R	RPD	Potential Bias	Action
J1747721	587668	Atrazine	41	No	NA	Low	UJ-10L
J174986	588364	Atrazine	33	No	NA	Low	UJ-10L
J175247	589377	Atrazine	25	No	NA	Low	UJ-10L
J175342	589525	3-Nitroaniline	11	No	NA	Low	UJ-10L
		4-Chloroaniline	12	No	NA	Low	UJ-10L
		Atrazine	13	No	NA	Low	UJ-10L

SDG	Batch	Analyte	LCS %R	LCSD %R	RPD	Potential Bias	Action
J175449	589889	Atrazine	28	No	NA	Low	UJ-10L
J175638	590471	3,3'-Dichlorobenzidine	16	15	-	Low	UJ-10L
		4-Nitroaniline	37	37	-	Low	UJ-10L
		4-Chloroaniline	17	14	-	Low	UJ-10L
		3-Nitroaniline	2	2	-	Low	R-10L
J175667	590473	3,3'-Dichlorobenzidine	3	4	-	Low	R-10L
		3-Nitroaniline	6	5	-	Low	R-10L
		4-Chloroaniline	14	10	-	Low	UJ-10L

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate (MS/MSD) samples were analyzed at the appropriate frequency. No action is taken unless both the MS and MSD %R values are outside the control limits for MS/MSD %R outliers.

When the MS/MSD %R values indicate a potential low bias, associated results are estimated (J/UJ-8L). Only the associated positive results are estimated (J-8H) if the %R values indicate a potential high bias.

Precision is evaluated using the relative percent difference (RPD) values calculated between the MS and MSD results. Any RPD values outside the control limits indicate uncertainty in the measured results for the sample. Qualifiers were only issued to the parent sample. Associated positive results are estimated (J-9) when the RPD values indicate uncertainty.

SDG	Parent Sample ID	Analyte	MS %R	MSD %R	RPD	Potential Bias	Action
J174677	SESI-SB-4(5-7')	2,4-Dinitrophenol	12	8	45	Low	UJ-8L
		4,6-Dinitro-2-methylphenol	18	12	41	Low	UJ-8L
		Butyl benzyl phthalate	56	54	-	Low	UJ-8L
		Hexachlorocyclopentadiene	28	25		Low	UJ-8L
J174859	SESI-SB-1(12')	2,4-Dinitrophenol	30	13	-	Low	UJ-8L
		4,6-Dinitro-2-methylphenol	53	30	-	Low	UJ-8L
		Acenaphthene	61	59	-	Low	UJ-8L
		Atrazine	53	53	-	Low	UJ-8L
J174986	SESI-SB-16(3')	2,4-Dimethylphenol	53	61	-	Low	UJ-8L
		2,6-Dinitrotoluene	69	65	-	Low	UJ-8L
		4-Chlorophenyl phenyl ether	65	65	-	Low	UJ-8L
		Anthracene	62	63	-	Low	UJ-8L
		Atrazine	22	23	-	Low	UJ-8L
		Benzo[a]anthracene	59	60	-	Low	UJ-8L

SDG	Parent Sample ID	Analyte	MS %R	MSD %R	RPD	Potential Bias	Action
J174986	SESI-SB-16(3')	Benzo[a]pyrene	63	65	-	Low	UJ-8L
		Benzo[b]fluoranthene	66	67	-	Low	UJ-8L
		Benzo[k]fluoranthene	64	67	-	Low	UJ-8L
		Bis(2-ethylhexyl) phthalate	62	62	-	Low	UJ-8L
		Carbazole	58	58	-	Low	UJ-8L
		Chrysene	63	64	-	Low	UJ-8L
		Dibenzofuran	66	66	-	Low	UJ-8L
		Diethyl phthalate	63	63	-	Low	UJ-8L
		Dimethyl phthalate	63	65	-	Low	UJ-8L
		Di-n-butyl phthalate	61	63	-	Low	UJ-8L
		Fluoranthene	62	62	-	Low	UJ-8L
		Hexachlorobutadiene	58	56	-	Low	UJ-8L
		Hexachloroethane	58	54	-	Low	UJ-8L
		Naphthalene	61	63	-	Low	UJ-8L
		N-Nitrosodiphenylamine	60	63	-	Low	UJ-8L
		Phenanthrene	64	64	-	Low	UJ-8L
J175121	SESI-SB-19(3')	2,4-Dinitrophenol	27	27	-	Low	UJ-8L
		4,6-Dinitro-2-methylphenol	58	59	-	Low	UJ-8L
		Atrazine	59	61	-	Low	UJ-8L
		Butyl benzyl phthalate	62	63	-	Low	UJ-8L
		Caprolactam	49	50	-	Low	UJ-8L
J175247	SESI-SB-31(11')	2,3,4,6-tetrachlorophenol	59	58	-	Low	UJ-8L
		2,4-dinitrophenol	42	35	-	Low	UJ-8L
		2-nitrophenol	61	57	-	Low	UJ-8L
		4-chlorophenyl phenyl ether	63	61	-	Low	UJ-8L
		Acenaphthylene	66	62	-	Low	UJ-8L
		Atrazine	35	31	-	Low	UJ-8L
		Benzo(a)anthracene	67	62	-	Low	UJ-8L
		Benzo(a)pyrene	67	66	-	Low	UJ-8L
		Benzo(k)fluoranthene	68	64	-	Low	UJ-8L
		Bis(2-chloroethyl)ether	60	59	-	Low	UJ-8L
		Chrysene	69	66	-	Low	UJ-8L
		Dibenzofuran	66	61	-	Low	UJ-8L
		Dimethyl phthalate	65	62	-	Low	UJ-8L
		Di-n-butyl phthalate	64	63	-	Low	UJ-8L
		Nitrobenzene	61	60	-	Low	UJ-8L
J175342	SESI-SB-12(4')	Atrazine	28	27	-	Low	UJ-8L
J175638	SESI-SB-33(4')	2-Methylnaphthalene	189	177	-	High	J-8H
		Fluorene	152	138	-	High	J-8H
		Phenanthrene	262	231	-	High	J-8H

SDG	Parent Sample ID	Analyte	MS %R	MSD %R	RPD	Potential Bias	Action
J175638	SESI-SB-33(4')	2-methylnaphthalene	189	177	-	High	J-8H
		Fluorene	152	138	-	High	J-8H
		Phenanthrene	262	231	-	High	J-8H

Field Duplicates

For soil samples, the RPD control limit is 35% for results greater than 5x the reporting limit (RL). For results less than 5x the RL, the absolute difference between the sample and replicate must be less than 2x the RL.

SDG J174677-1: Samples SESI-SB-4(5-7') and DUP-1 were identified as field duplicates. Field precision was acceptable.

SDG J174986-1: Samples SESI-SB-7(3') and DUP-2 were identified as field duplicates. RPD values were greater than the control limits for 10 compounds and were qualified (J-9) in both the parent and duplicate samples.

SDG J175247-1: Samples SESI-SB-31(9') and DUP-3 were identified as field duplicates. The difference values for 1,1'-biphenyl and 2-methylnaphthalene were greater than 2x the RL. The results for these compounds were estimated (J-9) in the parent and duplicate samples.

Samples SESI-SB-28(10') and DUP-4 were identified as an additional duplicate pair submitted in this SDG. Field precision was acceptable.

SDG J175638-1: Samples SESI-SB-27(4') and DUP-5 were identified as field duplicates. RPD values were greater than the control limits for 2-methylnaphthalene and phenanthrene and the difference value was greater than 2x the RL for fluorene. The results were qualified (J-9) in both the parent and duplicate samples for these three compounds.

Samples SESI-SB-13(7') and DUP-6 were identified as an additional duplicate pair submitted in this SDG. Field precision was acceptable.

Compound Identification

The analyses indicated the presence of tentatively identified compounds (TIC). These results were estimated (NJ-4) because calibrations were not performed for these compounds and the identity of the compounds is tentative and the associated concentrations are approximations.

No anomalies were noted during validation for compound identification.

Calculation Verification

Several results were verified by recalculation from the raw data. No calculation or transcription errors were found.

OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory performed the specified analytical method. With the exceptions noted above, accuracy was acceptable, as demonstrated by the surrogate, laboratory control and matrix spike sample recoveries. With the exceptions noted previously, precision was acceptable as demonstrated by the LCS/LCSD, MS/MSD and field duplicate RPD values.

Results were estimated due to MS/MSD recovery outliers, LCS/LCSD recovery outliers, and CCAL recovery outliers. Results were also estimated due to field duplicate precision outliers.

Results were rejected due to recovery values of less than 10% for laboratory control sample outliers. Data that have been rejected should not be used for any purpose.

All other data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
SESI – Lecount Place
Chlorinated Pesticides by SW8081B

This report documents the review of analytical data from the analysis of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by TestAmerica, Edison, New Jersey. Refer to the Sample Index for a list of samples reviewed.

SDG	NUMBER OF SAMPLES AND MATRIX	VALIDATION LEVEL
J-174677-1	4 Soil	EPA Stage 4
J-174772-1	6 Soil	EPA Stage 4
J-174859-1	7 Soil	EPA Stage 4
J-174859-2	15 Soil	EPA Stage 4
J-174986-1	19 Soil	EPA Stage 4
J-175121-1	17 Soil	EPA Stage 4
J-175247-1	15 Soil	EPA Stage 4
J-175342-1	6 Soil	EPA Stage 4
J-175449-1	10 Soil	EPA Stage 4
J-175638-1	16 Soil	EPA Stage 4
J-175667-1	4 Soil	EPA Stage 4

DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Sample Receipt, Preservation, and Holding Times	**1**	Field Duplicates
✓	Initial Calibration	✓	Internal Standards
1	Continuing Calibration	✓	Target Analyte List
✓	Laboratory Blanks	✓	Reporting Limits
1	Field Blanks	✓	Reported Results
1	Labeled Compounds/ Surrogate Compounds	**2**	Compound Identification
1	Laboratory Control Samples (LCS/LCSD)	**1**	Calculation Verification
1	Matrix Spikes/Matrix Spike Duplicates (MS/MSD)		

✓ Stated method quality objectives (MQO) and QC criteria have been met. No outliers are noted or discussed.
[1] Quality control results are discussed below, but no data were qualified.
[2] Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Sample Receipt, Preservation, and Holding Times

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Continuing Calibration

Continuing calibration standards were analyzed at the required frequency of one per every 12-hour period. The NYSDEC ASP indicates a requirement for the laboratory to analyze a closing CCAL standard at the end of an analytical sequence. Method 8081B does not have a closing CCV requirement. Because the laboratory was following the specified method and all other aspects of calibration were met, no qualification was deemed necessary. With the exceptions noted below, the percent difference (%D) values for the target analytes were within the control limits.

SDG J174772-1: For the CLP-2 column, the %D value for the surrogate TCX in the toxaphene CCV was outside the control limit, indicating a potential high bias. There were no positive results for toxaphene in the associated samples. No action was required.

SDG J174859-1: For the CLP-2 column on Instrument CPESTGC4, the %D for endosulfan sulfate and methoxychlor were outside the control limits, indicating a potential high bias. There were no positive results for these compounds in the associated samples. No action was required.

SDG J174986-1: For the CLP-2 column, the %D value for endosulfan sulfate was outside the control limit, indicating a potential high bias. There were no positive results for this compound in the associated samples. No action was taken.

SDG J175121-1: For the CLP-2 and Rtx-CLP columns (2/14/19), the %D values for endosulfan sulfate were outside the control limit, indicating a potential high bias. There were no positive results for this compound in the associated samples. No action was taken.

SDG J175342-1: For the CLP-2 column, the %D value for endosulfan sulfate was outside the control limit, indicating a potential high bias. For the Rtx-CLP column, the %D values for methoxychlor and endosulfan sulfate were outside the control limit, indicating a potential high bias. There were no positive results for these compounds in the associated samples. No action was taken.

SDG J175638-1 & J175667-1: For the CLP-2 and Rtx-CLP columns (2/20/19) on Instrument CPESTGC4, the %D values for endosulfan sulfate were outside the control limit, indicating a potential high bias. There were no positive results for this compound in the associated samples. No action was taken.

Field Blanks

No field blanks were submitted.

Labeled Compounds/Surrogate Compounds

SDG J175121-1: For Sample SESI-SB-5 (8'), the recovery for DCB on the Rtx-CLP column was greater than the upper control limit, at 175%. There were no positive results in this sample. No action was required.

Laboratory Control Samples

Laboratory control samples were analyzed at the required frequency of one per batch of 20 or fewer samples. With the exception noted below, the spike recoveries were within the laboratory control limits.

SDG J174677-1: For the Rtx-CLP column, the recovery for 4,4'-DDD was greater than the upper control limit. This compound was not detected in the associated samples; no action was taken.

SDG J174986-1: For both columns, the endosulfan sulfate recovery was within the laboratory control limits of 71 – 128 %R but greater than the upper control limit for NYSDEC ASP of 120%. This compound was not detected in the associated samples; no action was taken.

SDG J175449-1: For the RTX-CLP column, the gamma-BHC recovery was within the laboratory control limits of 68 – 136 %R but greater than the upper control limit for NYSDEC ASP of 120%. This compound was not detected in the associated samples; no action was taken.

SDG J175638-1 & J175667-1: For both columns, the endosulfan sulfate recoveries were greater than the upper control limits for the laboratory (128%) and NYSDEC ASP (120%). This compound was not detected in the associated samples; no action was taken.

Matrix Spike/Matrix Spike Duplicates

Matrix spike/matrix spike duplicate samples (MS/MSD) were analyzed at the required frequency of one per batch of 20 or fewer samples. With the exception noted below, the spike recoveries and relative percent difference (RPD) values were within the laboratory control limits.

SDG J174677-1: An MS/MSD was performed using Sample SESI-SB-4 (5-7'). For the Rtx-CLP column, the recovery for 4,4'-DDD was greater than the upper control limit. This compound was not detected in the parent sample; no action was taken.

SDG J174859-1: Two sets of MS/MSD analyses were performed using Samples SESI-SB-1 (12') and SESI-SB-3 (15-17'). For SESI-SB-3 (15-17') MS, the recovery for endosulfan sulfate was greater than the upper control limit on both columns. This compound was not detected in the parent sample; no action was taken.

For SESI-SB-3 (15-17') MSD, the recoveries for 4,4'-DDE on the Rtx-CLP and endosulfan sulfate on both columns were greater than the laboratory limits. The recoveries for 4,4'-DDT and endrin on the Rtx-CLP column were greater than the laboratory limits but within the NYSDEC ASP limits. These compounds were not detected in the parent sample; no action was taken.

SDG J175247-1: An MS/MSD was performed using Sample SESI-SB-15 (15-17'). For several compounds on both columns, the recoveries were greater than the upper control limits. The compounds were not detected in the parent sample; no action was taken.

SDG J175342-1: An MS/MSD was performed using Sample SESI-SB-12 (4'). The recoveries were greater than the upper control limits for several compounds on both columns. The compounds were not detected in the parent sample; no action was taken.

SDG J175638-1 & J175667-1: An MS/MSD was performed using Sample SESI-SB-13 (3'). The MS/MSD recoveries for endosulfan sulfate were greater than the upper control limit on both columns. This compound was not detected in the parent sample; no action was taken.

Field Duplicates

SDG J174677-1: One set of field duplicates was submitted with this SDG: SESI-SB-4(5-7') & DUP-1. There were no positive results in either sample. Field precision was acceptable.

SDG J175247-1: Two sets of field duplicates was submitted with this SDG: SESI-SB-31 (9') & DUP-3 and SESI-SB-28 (10') & DUP-4. There were no positive results in any of these samples. Field precision was acceptable.

SDG J175638-1: Two sets of field duplicates was submitted with this SDG: SESI-SB-27 (4') & DUP-5 and SESI-SB-13 (7') & DUP-6. There were no positive results in any of these samples. Field precision was acceptable.

Compound Identification

For positive results, the relative percent difference (RPD) value between the two analytical columns must be less than 40%. If the RPD value is between 40% and 60%, the result is estimated (J-3). If the RPD value is greater than 60%, the result is qualified as tentatively identified (NJ-3).

SDG J175247-1: For Sample SESI-SB-29 (12'), the RPD value for 4,4'-DDD was greater than 40% at 46%. The result was estimated (J-3). The RPD value for 4,4'-DDT was greater than 40% at 63%. The result was qualified as tentatively identified (NJ-3).

Calculation Verification

Several results were verified by recalculation from the raw data. No calculation errors affecting the reported results were found.

OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory performed the specified analytical method. With the exception noted above, accuracy was acceptable as demonstrated by the surrogate, LCS/LCSD, and MS/MSD recoveries. Precision was also acceptable as demonstrated by the LCS/LCSD, MS/MSD, and field duplicate relative percent difference values.

Data were qualified based precision outliers between columns.

All data, as qualified, are acceptable for use.

DATA VALIDATION REPORT
SESI – Lecount Place
PCB Aroclors by SW8082A

This report documents the review of analytical data from the analysis of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by TestAmerica, Edison, New Jersey. Refer to the Sample Index for a list of samples reviewed.

SDG	NUMBER OF SAMPLES AND MATRIX	VALIDATION LEVEL
J-174677-1	4 Soil	EPA Stage 4
J-174772-1	6 Soil	EPA Stage 4
J-174859-1	22 Soil	EPA Stage 4
J-174986-1	19 Soil	EPA Stage 4
J-175121-1	17 Soil	EPA Stage 4
J-175247-1	15 Soil	EPA Stage 4
J-175342-1	6 Soil	EPA Stage 4
J-175449-1	10 Soil	EPA Stage 4
J-175638-1	16 Soil	EPA Stage 4
J-175667-1	4 Soil	EPA Stage 4

DATA PACKAGE COMPLETENESS

With the exceptions noted below, the laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

SDGs J14772-1, J174859-1, and J174986-1: The summary forms and raw data for the ICAL analyzed on instrument CPESTGC9 on 1/25/19 were missing from the data packages. The laboratory was contacted and supplied the missing documentation.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Sample Receipt, Preservation, and Holding Times	**1**	Field Duplicates
✓	Initial Calibration	✓	Internal Standards
1	Continuing Calibration	✓	Target Analyte List
1	Field Blanks	✓	Reporting Limits
1	Surrogates	✓	Reported Results
✓	Laboratory Control Samples (LCS/LCSD)	✓	Compound Identification
1	Matrix Spike/Matrix Spike Duplicates (MS/MSD)	**1**	Calculation Verification

✓ Stated method quality objectives (MQO) and QC criteria have been met. No outliers are noted or discussed.
[1] Quality control results are discussed below, but no data were qualified.
[2] Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Sample Receipt, Preservation, and Holding Times

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Continuing Calibration Verification

Continuing calibration standards were analyzed at the required frequency of one per every 12-hour period. The NYSDEC ASP indicates a requirement for the laboratory to analyze a closing CCAL standard at the end of an analytical sequence. Method 8082A does not have a closing CCV requirement. Because the laboratory was following the specified method and all other aspects of calibration were met, no qualification was deemed necessary. With the exceptions noted below, the percent difference (%D) values for the target analytes were within the control limits.

SDG J174986-1: The average percent difference (%D) values for the continuing calibration (CCAL) analyzed on instrument PestGC9 on 2/11/19 @ 07:35 were greater than the ASP control limit of 15% and also greater than the laboratory control limit of 20%. The outliers indicated an increase in instrument response. There were no target analytes detected in the associated samples; no action was taken based on the potential high bias.

Field Blanks

No field blanks were submitted.

Surrogates

The surrogate compound decachlorobiphenyl (DCBP) was added to all samples. With the exceptions noted below, recoveries were within the control limits of 53%-150%:

SDG J174895-1: The recovery for DCBP in Sample SESI-SB-9(17') was greater than the upper control limit on column 2. There were no target analytes detected in this sample; no action was taken.

SDG J174896-1: The recoveries for DCBP were greater than the upper control limit on either one or both columns for several samples. There were no target analytes detected in these samples; no action was taken based on the potential high bias.

SDG J175247-1: For Sample SESI-SB-31(9'), the DCBP recovery on column 1 was greater than the upper control limit. There were no target analytes detected in this sample; no action was taken.

SDG J175342-1: For Sample SESI-SB-24(6'), the DCBP recovery on column 1 was greater than the upper control limit. There were no target analytes detected in this sample; no action was taken.

SDG J175638-1: For Samples SESI-SB-27(4') and SESI-SB-27(11'), the DCBP recoveries on column 1 were greater than the upper control limit. There were no target analytes detected in these samples; no action was taken.

Matrix Spike/Matrix Spike Duplicates

SDG J175342-1: For the matrix spike/matrix spike duplicate (MS/MSD) analyzed using sample SESI-SB-12(4'), all recoveries were greater than the upper control limits. There were no target analytes detected in the parent sample; no action was taken based on the potential high bias.

Field Duplicates

SDG J174677-1: One set of field duplicates was submitted: SESI-SB-4(5-7') and DUP-1. There were no target analytes detected in these samples. Field precision was acceptable.

SDG J174986-1: One set of field duplicates was submitted: SESI-SB-7(3') and DUP-2. There were no target analytes detected in these samples. Field precision was acceptable.

SDG J175247-1: Two sets of field duplicates were submitted: SESI-SB-31(9') & DUP-3 and SESI-SB-28(10') & DUP-4. There were no target analytes detected in these samples. Field precision was acceptable.

SDG J175638-1: Two sets of field duplicates were submitted: SESI-SB-27(4') & DUP-5 and SESI-SB-13(7') & DUP-6. There were no target analytes detected in these samples. Field precision was acceptable.

Calculation Verification

Several results were verified by recalculation from the raw data. No calculation or transcription errors were found.

OVERALL ASSESSMENT

As was determined by this evaluation, the laboratory performed the specified analytical method. With the exceptions noted above, accuracy was acceptable as demonstrated by the surrogate, laboratory control sample/laboratory control sample duplicate (LCS/LCSD), and MS/MSD recoveries. Precision was also acceptable as demonstrated by the LCS/LCSD, MS/MSD, and field duplicate relative percent difference values.

No data were qualified for any reason.

All data, as reported, are acceptable for use.

DATA VALIDATION REPORT
SESI – Lecount Place
Metals by Method SW6010D and SW7471A
Cyanide by Method SW9012

This report documents the review of analytical data from the analysis of soil samples and the associated laboratory and field quality control (QC) samples. Samples were analyzed by TestAmerica, Edison, New Jersey. Refer to the Sample Index for a list of samples reviewed.

SDG	NUMBER OF SAMPLES AND MATRIX	VALIDATION LEVEL
J-174677-1	4 Soil	EPA Stage 3
J-174772-1	6 Soil	EPA Stage 3
J-174859-1	22 Soil	EPA Stage 3
J-174986-1	19 Soil	EPA Stage 3
J-175121-1	17 Soil	EPA Stage 3
J-175247-1	15 Soil	EPA Stage 3
J-175342-1	6 Soil	EPA Stage 3
J-175449-1	10 Soil	EPA Stage 3
J-175638-1	16 Soil	EPA Stage 3
J-175667-1	4 Soil	EPA Stage 3

DATA PACKAGE COMPLETENESS

The laboratory submitted all required deliverables. The laboratory followed adequate corrective action processes and all anomalies were discussed in the case narrative.

SDG J174677-1: The quality control (QC) sample summaries were missing from the laboratory report. The laboratory was contacted and submitted the missing documentation.

SDG J175247-1, J175342-1: The standard independent and continuing calibration verification (ICV/CCV) summaries (Form 2A) for method 6010D were missing from the laboratory report. The laboratory was contacted and submitted the missing documentation.

TECHNICAL DATA VALIDATION

The QC requirements that were reviewed are listed below.

1	Sample Receipt, Preservation, and Holding Times	2	Laboratory Duplicates
✓	Initial Calibration	✓	Interference Check Samples
2	Calibration Verification	✓	Serial Dilutions
2	Laboratory Blanks	2	Field Duplicates
1	Field Blanks	✓	Reporting Limits
✓	Laboratory Control Samples	✓	Reported Results
2	Matrix Spike/Matrix Spike Duplicates (MS/MSD)	✓	Calculation Verification

✓ Stated method quality objectives (MQO) and QC criteria have been met. No outliers are noted or discussed.
1 Quality control outliers are discussed below, but no data were qualified.
2 Quality control outliers that impact the reported data were noted. Data qualifiers were issued as discussed below.

Sample Receipt, Preservation, and Holding Times

SDG J174859-1: Sample SESI-SB-3(15-17') arrived with the shipment but was not listed on the chain-of-custody (COC). The sample was analyzed and reported.

SDG J145449-1: The client ID of SESI-SB-22(22') for sample 460-175449-8 was incorrect. The correct client ID is SESI-SB-22(11'). The laboratory submitted a revised data package.

Calibration Verification

Both standard independent calibration verification and continuing calibration verification (ICV/CCV) and low level ICVL/CCVL were analyzed. The control limits are 90%-110% for the standard ICV/CCV and 80%-120% for the low level ICVL/CCVL. For ICVL/CCVL outliers, no action was taken if analyte concentrations in the field samples were sufficiently greater than the reporting limit. The following outliers resulted in qualification of data:

SDG J174677-1: One CCVL recovery for antimony was less than the lower control limit. All associated antimony results were estimated (UJ-5BL).

SDG J174772-1: One CCVL recovery for antimony was less than the lower control limit. All associated antimony results were estimated (UJ-5BL).

SDG J174859-1: One CCVL recovery for lead was greater than the upper control limit. The lead results in the two associated samples were estimated (J-5BH) to indicate a potential high bias.

SDG J175449-1: The recoveries for lead were greater than the upper control limit in all of the CCVL standards that bracketed the samples. The lead results in the two associated samples were estimated (J-5BH) to indicate a potential high bias.

SDG J175667-1: One CCVL recovery for selenium was less than the lower control limit. All associated selenium results were estimated (UJ-5BL).

Laboratory Blanks

Method and instrument blanks were analyzed at the proper frequency. To assess the impact of any blank contaminant on the reported sample results, an action level was established at five times (5x) the concentration reported in the blank.

SDG J175121-1, J175342-1: Several instrument blanks had results for cadmium, lead, aluminum, iron, manganese, and arsenic that were outside of acceptance criteria. After evaluating the samples against the action levels, no data required qualification.

SDG J175449-1: Several instrument blanks had results for cadmium outside of acceptance criteria. After evaluating the samples against the action levels, no data required qualification.

Field Blanks

No field blanks were submitted.

Matrix Spike/Matrix Spike Duplicate

Matrix spike or matrix spike/matrix spike duplicate samples (MS/MSD) were analyzed at the proper frequency. If the percent recovery values indicate a potential low bias, associated results were estimated (J/UJ-8L). If the %R values indicate a potential high bias, only the associated positive results were estimated (J-8H). For %R values less than 30%, the results for the post digestion spike (PDS) were also evaluated. If the post spike %R values were acceptable, then associated results were estimated (J/UJ-8L). For relative percent difference (RPD) greater than the control limit, associated positive results were estimated (J-9).

The following analytes were qualified in one or more samples based on %R and/or RPD value outliers. Qualifiers were issued to all samples associated with a QC batch.

SDG J174677-1: A batch QC sample was analyzed as the matrix spike for the method 6010 analyses. The MS recovery for antimony was less than the lower control limit. Antimony was not detected in the associated samples; results were estimated (UJ-8L).

A batch QC sample was analyzed as the matrix spike for the cyanide analyses. The MS recovery for cyanide was greater than the upper control limit. Associated detected cyanide results were estimated (J-8H).

SDG J174772-1: Sample SESI-SB-1(3') was used for the matrix spike analysis. The MS recovery for antimony was less than the lower control limit. Associated antimony results were estimated (UJ-8L).

SDG J174859-1: Samples SESI-SB-1(12'), SESI-SB-8(14'), and SESI-SB-11(18') were used for the cyanide matrix spike analyses. All recoveries were greater than the upper control limit. All associated detected field sample results were estimated (J-8H).

For batch 587988, Sample SESI-SB-1(12') was used for the matrix spike analysis. The MS recovery for antimony was less than the lower control limit. The associated antimony results were estimated (UJ-8L).

A batch QC sample was analyzed for batch 587990. The MS/MSD recoveries for antimony were less than the lower control limit. The associated antimony results were estimated (UJ-8L). In addition, the RPD values for calcium and magnesium were greater than the control limit; associated sample results were estimated (J-9).

SDG J174986-1: Sample SESI-SB-7(13') was used for the method 6010D matrix spike analysis. The MS recovery for antimony was less than the lower control limit. Associated antimony results were estimated (UJ-8L).

A batch QC sample was analyzed as the matrix spike associated with Sample DUP-2 only. The MS recovery for antimony was less than the lower control limit. The antimony result was estimated (UJ-8L). The recovery for copper was very low (<30%). The associated post-digestion spike was within acceptance criteria. The associated copper result was estimated (J-8L).

SDG J175121-1: Samples SESI-SB-17(4') and SESI-SB-19(9') were used for the cyanide matrix spike analyses. Both recoveries were greater than the upper control limit. All positive results in the associated samples were estimated (J-8H).

Sample SESI-SB-19(3') was used for the metals matrix spike analysis. The recovery for antimony was less than the lower control limit. Associated antimony results were not detected and were estimated (UJ-8L) to indicate a potential low bias.

SDG J175247-1: Samples DUP-3 and SESI-SB-29 (9') were used for the matrix spike analyses. The MS recoveries for antimony were less than the lower control limit. Associated antimony results were estimated (UJ-8L).

SDG J175342-1: A batch QC sample was analyzed as the matrix spike sample. The MS recovery for antimony was less than the lower control limit. Associated antimony results were estimated (UJ-8L).

SDG J175667-1: Sample SESI-SB-25(10-12') was used for the 6010D matrix spike. The MS recovery for antimony was less than the lower control limit. Associated antimony results were estimated (J/UJ-8L) to indicate a potential low bias.

Laboratory Duplicates

One sample from each laboratory batch was extracted and analyzed in duplicate. Relative percent difference (RPD) values were calculated for detected analytes where results are greater than five times the method detection limit (MDL). With the exception noted below, all RPD values were less than the 20% control limit.

SDG J174677-1: A batch QC sample was analyzed as the laboratory duplicate. The RPD values for iron, manganese, and zinc were greater than the control limit. Results for these analytes were estimated (J-9) for all samples in the batch.

SDG J175638-1: A batch QC sample was analyzed as the laboratory duplicate for batch 590522. The RPD value for chromium was greater than the control limit. Results for this analyte were estimated (J-9) for all samples in the batch.

SDG J175667-1: Sample SESI-SB-25(10-12') was used for the laboratory duplicate analysis. The RPD values for iron, manganese, and zinc were greater than the control limit. Results for these analytes were estimated (J-9) for all samples in the batch.

Field Duplicates

For soil samples, the RPD control limit is 50% for results greater than 5x the reporting limit (RL). For results less than 5x the RL, the difference between the sample and replicate must be less than 2x the RL.

SDG J174677-1: One set of field duplicates was submitted: SESI-SB-4(5-7') and DUP-1. All field precision criteria were met.

SDG J174986-1: Samples SESI-SB-7(3') & DUP-2 were submitted as field duplicates. The RPD value for lead was greater than the control limit; the lead results in these two samples were estimated (J-9).

SDG J175247-1: Sample sets SESI-SB-31 (9') & DUP-3 and SESI-SB-28 (10') & DUP-4 were submitted as field duplicates. All acceptance criteria were met.

SDG J175638-1: Sample sets SESI-SB-27(4') & DUP-5 and SESI-SB-13(7') & DUP-6 were submitted as field duplicates. With the following exception, all acceptance criteria were met.

For Samples SESI-SB-13(7') & DUP-6, the RPD value for manganese was greater than the control limit. The manganese results in these two samples were estimated (J-9).

Calculation Verification

Several results were verified by recalculation from the raw data. No calculation or transcription errors were noted.

OVERALL ASSESSMENT

As determined by this evaluation, the laboratory followed the specified analytical methods. With the exceptions noted above, accuracy was acceptable as demonstrated by the laboratory control sample and MS/MSD recoveries and precision was acceptable as demonstrated by the MS/MSD, laboratory duplicate, and field duplicate relative percent difference values.

Results were estimated based on CCVL recovery, MS/MSD recovery, matrix spike/matrix spike duplicate RPD, laboratory duplicate RPD, and field duplicate RPD outliers.

All data, as qualified, are acceptable for use.