

October 4, 2023

Rachel Caron
Washington State Department of Ecology
Toxics Cleanup Program
Central Regional Office
Rachel.Caron@ecy.wa.gov

**Subject: Progress Report for Third Quarter 2023, Simplot Grower Solutions,
Sunnyside, Washington Facility Site ID No. 76742139;
Agreed Order No. DE 16446**

Dear Ms. Caron:

The J.R. Simplot Company (Simplot) entered into an Agreed Order (AO) (No. DE 16446, effective date June 26, 2019) with the Washington State Department of Ecology (Ecology) to complete a remedial investigation/feasibility study (RI/FS), and to prepare a draft cleanup action plan (DCAP) for the Simplot Grower Solutions (formerly named Simplot Soilbuilders) Sunnyside site (Site), located at 300 1st Avenue, Sunnyside, Washington.

Per the AO, Simplot shall submit to Ecology written quarterly progress reports that describe the actions taken during the previous quarter to implement the requirements of the AO. Progress reports shall be submitted by the tenth day of the month in which they are due after the effective date of the AO.

The AO requires that the progress reports include the following:

- a. A list of on-site activities that have taken place during the previous quarter;
- b. Detailed description of any deviations from required tasks not otherwise documented in project plans or amendment requests;
- c. Description of all deviations from the scope of work and schedule during the previous quarter and any planned deviations in the upcoming quarter;
- d. For any deviations in schedule, a plan for recovering lost time and maintaining compliance with the schedule;
- e. All raw data (including laboratory analyses) received by Simplot during the past quarter and an identification of the source of the sample; and
- f. A list of deliverables for the upcoming quarter if different from the schedule.

Activities Completed during Third Quarter 2023

During the third quarter 2023 the following project activities were completed:

1. Simplot retained Geosyntec, Inc. (Geosyntec) to draft the Feasibility Study (FS) for the Site.
2. Simplot requested an administrative extension for the submittal of the draft FS to extend the date to October 13th, 2023. Ecology provided approval of the extension on August 18th, 2023.
3. Simplot and Geosyntec met with Ecology via virtual meeting and discussed proposed cleanup action alternative technologies to be considered for evaluation in the FS. As a follow up to the meeting, Simplot submitted a letter outlining the technologies to Ecology on September 24th, 2023. Ecology responded via email on September 29th, 2023, stating that the proposed technologies comply with the requirements of WAC 173-340-350.
4. Simplot and Geosyntec have continued to develop the draft FS for submittal on October 13, 2023.
5. Soil and water waste profile samples were collected from drums related to the remedial investigation sampling located at the Site. Results of the waste indicated non-hazardous material and will be disposed of as non-hazardous waste. Analytical results are attached for reference.

Planned Activities during Fourth Quarter 2023

1. Submittal of the draft FS to Ecology for review and consideration.
2. Simplot will address any comments from Ecology regarding the draft FS and submit for final review and approval.
3. Waste hauling of the non-hazardous material will be completed.

Deviations from AO or AO Schedule

A requested extension for the submittal of the draft FS was requested by Simplot and the request was approved by Ecology.

Ms. Caron
October 4, 2023
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If there are any questions, please contact Molly Dimick at 208-235-5682 or by email at Molly.Dimick@simplot.com.

Sincerely,
Geosyntec

A handwritten signature in black ink, appearing to read "D Allison".

David Allison, P.E. (WA, ID, AZ, TX)
Senior Engineer

A handwritten signature in black ink, appearing to read "Brent Miller".

Brent Miller, P.E. (WA, ID, OR, AK, TX)
Senior Principal

CC: Molly Dimick, Simplot
Rachel Roskelley, Simplot
Brent Miller, Geosyntec



September 22, 2023

Mr. David Allison
Geosyntec Consultants
520 Pike St, Suite 2600
Seattle, WA 98101

Dear Mr. Allison ,

On September 8th, 12 samples were received by our laboratory and assigned our laboratory project number EV23090039. The project was identified as your Sunnyside WD. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rob Greer
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-01
CLIENT SAMPLE ID	Composite 1,2,3	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 11:45:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-01
CLIENT SAMPLE ID	Composite 1,2,3	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 11:45:00 AM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	0.029	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	7.4	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	180	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.73	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	20	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	26	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
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CERTIFICATE OF ANALYSIS

CLIENT: Geosyntec Consultants DATE: 9/22/2023
520 Pike St, Suite 2600 ALS JOB#: EV23090039
Seattle, WA 98101 ALS SAMPLE#: EV23090039-01
CLIENT CONTACT: David Allison DATE RECEIVED: 09/08/2023
CLIENT PROJECT: Sunnyside WD COLLECTION DATE: 9/7/2023 11:45:00 AM
CLIENT SAMPLE ID: Composite 1,2,3 WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	102	09/08/2023	DLC
Toluene-d8	EPA-8260	97.8	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	97.9	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-02
CLIENT SAMPLE ID	Composite 4,6	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:20:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING	DILUTION	UNITS	ANALYSIS	ANALYSIS
			LIMITS	FACTOR		DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-02
CLIENT SAMPLE ID	Composite 4,6	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:20:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	U	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	8.0	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	210	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.26	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	23	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	18	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	1.2	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	0.10	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	99.7	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-02
CLIENT SAMPLE ID	Composite 4,6	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:20:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	97.2	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	100	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-03
CLIENT SAMPLE ID	Drum 5	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:30:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/19/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Acetone	EPA-8260	U	25	1	UG/L	09/19/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/19/2023	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/19/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-03
CLIENT SAMPLE ID	Drum 5	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:30:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/19/2023	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Mercury	EPA-245.1	U	0.20	1	UG/L	09/13/2023	RAL
Arsenic	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Barium	EPA-200.8	71	1.0	1	UG/L	09/14/2023	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Chromium	EPA-200.8	U	2.0	1	UG/L	09/14/2023	EBS
Lead	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Selenium	EPA-200.8	U	4.0	1	UG/L	09/14/2023	EBS
Silver	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	84.8	09/19/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-03
CLIENT SAMPLE ID	Drum 5	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:30:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	91.3	09/19/2023	DLC
4-Bromofluorobenzene	EPA-8260	94.8	09/19/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-04
CLIENT SAMPLE ID	Composite 7,19	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING	DILUTION	UNITS	ANALYSIS	ANALYSIS
			LIMITS	FACTOR		DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-04
CLIENT SAMPLE ID	Composite 7,19	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	U	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	4.0	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	540	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.18	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	31	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	11	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	108	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-04
CLIENT SAMPLE ID	Composite 7,19	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	96.3	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	98.0	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-05
CLIENT SAMPLE ID	Composite 8,9,10	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING	DILUTION	UNITS	ANALYSIS	ANALYSIS
			LIMITS	FACTOR		DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-05
CLIENT SAMPLE ID	Composite 8,9,10	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	0.034	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	6.1	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	140	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	1.4	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	17	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	36	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	107	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-05
CLIENT SAMPLE ID	Composite 8,9,10	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 12:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	96.5	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	99.9	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-06
CLIENT SAMPLE ID	Composite 11,12,13	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING	DILUTION	UNITS	ANALYSIS	ANALYSIS
			LIMITS	FACTOR		DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-06
CLIENT SAMPLE ID	Composite 11,12,13	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	U	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	5.9	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	140	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.18	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	15	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	12	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	107	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-06
CLIENT SAMPLE ID	Composite 11,12,13	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	94.9	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	96.4	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-07
CLIENT SAMPLE ID	Drum 14	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:10:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-07
CLIENT SAMPLE ID	Drum 14	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:10:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	U	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	8.4	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	210	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.24	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	22	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	16	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	1.3	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	100	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-07
CLIENT SAMPLE ID	Drum 14	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:10:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	97.8	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	98.7	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-08
CLIENT SAMPLE ID	Composite 15,16	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/19/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Acetone	EPA-8260	U	25	1	UG/L	09/19/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/19/2023	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/19/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-08
CLIENT SAMPLE ID	Composite 15,16	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/19/2023	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Mercury	EPA-245.1	U	0.20	1	UG/L	09/13/2023	RAL
Arsenic	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Barium	EPA-200.8	2.7	1.0	1	UG/L	09/14/2023	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Chromium	EPA-200.8	U	2.0	1	UG/L	09/14/2023	EBS
Lead	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Selenium	EPA-200.8	U	4.0	1	UG/L	09/14/2023	EBS
Silver	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	83.7	09/19/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-08
CLIENT SAMPLE ID	Composite 15,16	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:40:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	91.2	09/19/2023	DLC
4-Bromofluorobenzene	EPA-8260	95.4	09/19/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-09
CLIENT SAMPLE ID	Drum 17	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:25:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Acetone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Butanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Chloroform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Benzene	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Trichloroethene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromomethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
Toluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Hexanone	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	5.0	1	UG/KG	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-09
CLIENT SAMPLE ID	Drum 17	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:25:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	20	1	UG/KG	09/08/2023	DLC
Styrene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
o-Xylene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromoform	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Bromobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	50	1	UG/KG	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Naphthalene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	10	1	UG/KG	09/08/2023	DLC
Mercury	EPA-7471	U	0.020	1	MG/KG	09/11/2023	RAL
Arsenic	EPA-6020	4.3	0.20	1	MG/KG	09/11/2023	EBS
Barium	EPA-6020	140	0.10	1	MG/KG	09/11/2023	EBS
Cadmium	EPA-6020	0.11	0.10	1	MG/KG	09/11/2023	EBS
Chromium	EPA-6020	15	0.10	1	MG/KG	09/11/2023	EBS
Lead	EPA-6020	6.5	0.10	1	MG/KG	09/11/2023	EBS
Selenium	EPA-6020	U	1.0	1	MG/KG	09/11/2023	EBS
Silver	EPA-6020	U	0.10	1	MG/KG	09/11/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	101	09/08/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-09
CLIENT SAMPLE ID	Drum 17	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:25:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	99.0	09/08/2023	DLC
4-Bromofluorobenzene	EPA-8260	98.6	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-10
CLIENT SAMPLE ID	Drum 18	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/19/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Acetone	EPA-8260	U	25	1	UG/L	09/19/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/19/2023	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/19/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-10
CLIENT SAMPLE ID	Drum 18	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/19/2023	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Mercury	EPA-245.1	U	0.20	1	UG/L	09/13/2023	RAL
Arsenic	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Barium	EPA-200.8	12	1.0	1	UG/L	09/14/2023	EBS
Cadmium	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Chromium	EPA-200.8	U	2.0	1	UG/L	09/14/2023	EBS
Lead	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS
Selenium	EPA-200.8	U	4.0	1	UG/L	09/14/2023	EBS
Silver	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	82.5	09/19/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-10
CLIENT SAMPLE ID	Drum 18	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 1:50:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	91.1	09/19/2023	DLC
4-Bromofluorobenzene	EPA-8260	96.3	09/19/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-11
CLIENT SAMPLE ID	Tote 20	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/19/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Acetone	EPA-8260	U	25	1	UG/L	09/19/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/19/2023	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/19/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-11
CLIENT SAMPLE ID	Tote 20	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/19/2023	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Mercury	EPA-245.1	U	0.20	1	UG/L	09/13/2023	RAL
Arsenic	EPA-200.8	53	1.0	1	UG/L	09/14/2023	EBS
Barium	EPA-200.8	61	1.0	1	UG/L	09/14/2023	EBS
Cadmium	EPA-200.8	280	1.0	1	UG/L	09/14/2023	EBS
Chromium	EPA-200.8	870	2.0	1	UG/L	09/14/2023	EBS
Lead	EPA-200.8	6.4	1.0	1	UG/L	09/14/2023	EBS
Selenium	EPA-200.8	6.0	4.0	1	UG/L	09/14/2023	EBS
Silver	EPA-200.8	U	1.0	1	UG/L	09/14/2023	EBS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
1,2-Dichloroethane-d4	EPA-8260	84.5	09/19/2023	DLC

CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-11
CLIENT SAMPLE ID	Tote 20	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023 2:00:00 PM
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

SURROGATE	METHOD	%REC	ANALYSIS	ANALYSIS
			DATE	BY
Toluene-d8	EPA-8260	90.2	09/19/2023	DLC
4-Bromofluorobenzene	EPA-8260	97.1	09/19/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: Geosyntec Consultants
520 Pike St, Suite 2600
Seattle, WA 98101

DATE: 9/22/2023
ALS JOB#: EV23090039
ALS SAMPLE#: EV23090039-12
DATE RECEIVED: 09/08/2023
COLLECTION DATE: 9/7/2023
WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
CLIENT PROJECT: Sunnyside WD
CLIENT SAMPLE ID: Trip Blank

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS	ANALYSIS
						DATE	BY
Dichlorodifluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Vinyl Chloride	EPA-8260	U	0.20	1	UG/L	09/19/2023	DLC
Bromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Tetrachloride	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichlorofluoromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Carbon Disulfide	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Acetone	EPA-8260	U	25	1	UG/L	09/19/2023	DLC
1,1-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Methylene Chloride	EPA-8260	U	5.0	1	UG/L	09/19/2023	DLC
Acrylonitrile	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Butanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Chloroform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trichloroethene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromomethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromodichloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
Toluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Hexanone	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,3-Dichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Tetrachloroethylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Dibromochloromethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromoethane	EPA-8260	U	0.010	1	UG/L	09/19/2023	DLC
Chlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS JOB#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	ALS SAMPLE#:	EV23090039-12
CLIENT SAMPLE ID	Trip Blank	DATE RECEIVED:	09/08/2023
		COLLECTION DATE:	9/7/2023
		WDOE ACCREDITATION:	C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Ethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
m,p-Xylene	EPA-8260	U	4.0	1	UG/L	09/19/2023	DLC
Styrene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
o-Xylene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromoform	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Isopropylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Bromobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Propyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
2-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
4-Chlorotoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
T-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
S-Butyl Benzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
P-Isopropyltoluene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
N-Butylbenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	10	1	UG/L	09/19/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Hexachlorobutadiene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
Naphthalene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	2.0	1	UG/L	09/19/2023	DLC

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
1,2-Dichloroethane-d4	EPA-8260	85.3	09/19/2023	DLC
Toluene-d8	EPA-8260	91.0	09/19/2023	DLC
4-Bromofluorobenzene	EPA-8260	94.9	09/19/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: Geosyntec Consultants
 520 Pike St, Suite 2600
 Seattle, WA 98101

DATE: 9/22/2023
 ALS SDG#: EV23090039
 WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
 CLIENT PROJECT: Sunnyside WD

LABORATORY BLANK RESULTS

MB-090823S - Batch 200265 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING	ANALYSIS	ANALYSIS
				LIMITS	DATE	BY
Dichlorodifluoromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Chloromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Vinyl Chloride	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Bromomethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Chloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Carbon Tetrachloride	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Trichlorofluoromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Carbon Disulfide	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Acetone	EPA-8260	U	UG/KG	50	09/08/2023	DLC
1,1-Dichloroethene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Methylene Chloride	EPA-8260	U	UG/KG	20	09/08/2023	DLC
Acrylonitrile	EPA-8260	U	UG/KG	50	09/08/2023	DLC
Methyl T-Butyl Ether	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Trans-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,1-Dichloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
2-Butanone	EPA-8260	U	UG/KG	50	09/08/2023	DLC
Cis-1,2-Dichloroethene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
2,2-Dichloropropane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Bromochloromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Chloroform	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,1,1-Trichloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,1-Dichloropropene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2-Dichloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Benzene	EPA-8260	U	UG/KG	5.0	09/08/2023	DLC
Trichloroethene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2-Dichloropropane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Dibromomethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Bromodichloromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Trans-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
4-Methyl-2-Pentanone	EPA-8260	U	UG/KG	50	09/08/2023	DLC
Toluene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Cis-1,3-Dichloropropene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,1,2-Trichloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
2-Hexanone	EPA-8260	U	UG/KG	50	09/08/2023	DLC
1,3-Dichloropropane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Tetrachloroethylene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Dibromochloromethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2-Dibromoethane	EPA-8260	U	UG/KG	5.0	09/08/2023	DLC
Chlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

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WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
CLIENT PROJECT: Sunnyside WD

LABORATORY BLANK RESULTS

MB-090823S - Batch 200265 - Soil by EPA-8260

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
1,1,1,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Ethylbenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
m,p-Xylene	EPA-8260	U	UG/KG	20	09/08/2023	DLC
Styrene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
o-Xylene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Bromoform	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Isopropylbenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,1,2,2-Tetrachloroethane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2,3-Trichloropropane	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Bromobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
N-Propyl Benzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
2-Chlorotoluene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,3,5-Trimethylbenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
4-Chlorotoluene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
T-Butyl Benzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2,4-Trimethylbenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
S-Butyl Benzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
P-Isopropyltoluene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,3-Dichlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,4-Dichlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
N-Butylbenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2-Dichlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane	EPA-8260	U	UG/KG	50	09/08/2023	DLC
1,2,4-Trichlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Hexachlorobutadiene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
Naphthalene	EPA-8260	U	UG/KG	10	09/08/2023	DLC
1,2,3-Trichlorobenzene	EPA-8260	U	UG/KG	10	09/08/2023	DLC

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R446234 - Batch R446234 - Soil by EPA-7471

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-7471	U	MG/KG	0.020	09/11/2023	RAL

U - Analyte analyzed for but not detected at level above reporting limit.

MBLK-R446572 - Batch R446572 - Water by EPA-245.1

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Mercury	EPA-245.1	U	UG/L	0.20	09/13/2023	RAL



CERTIFICATE OF ANALYSIS

CLIENT:	Geosyntec Consultants 520 Pike St, Suite 2600 Seattle, WA 98101	DATE:	9/22/2023
CLIENT CONTACT:	David Allison	ALS SDG#:	EV23090039
CLIENT PROJECT:	Sunnyside WD	WDOE ACCREDITATION:	C601

LABORATORY BLANK RESULTS

MBLK-R446572 - Batch R446572 - Water by EPA-245.1

U - Analyte analyzed for but not detected at level above reporting limit.

MB-091123S - Batch 200209 - Soil by EPA-6020

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-6020	U	MG/KG	0.20	09/11/2023	EBS
Barium	EPA-6020	U	MG/KG	0.12	09/11/2023	EBS
Cadmium	EPA-6020	U	MG/KG	0.10	09/11/2023	EBS
Chromium	EPA-6020	U	MG/KG	0.10	09/11/2023	EBS
Lead	EPA-6020	U	MG/KG	0.10	09/11/2023	EBS
Selenium	EPA-6020	U	MG/KG	1.0	09/11/2023	EBS
Silver	EPA-6020	U	MG/KG	0.10	09/11/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

MB-091223W2 - Batch 200293 - Water by EPA-200.8

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Arsenic	EPA-200.8	U	UG/L	1.0	09/14/2023	EBS
Barium	EPA-200.8	U	UG/L	1.0	09/14/2023	EBS
Cadmium	EPA-200.8	U	UG/L	1.0	09/14/2023	EBS
Chromium	EPA-200.8	U	UG/L	2.0	09/14/2023	EBS
Lead	EPA-200.8	U	UG/L	1.0	09/14/2023	EBS
Selenium	EPA-200.8	U	UG/L	4.0	09/14/2023	EBS
Silver	EPA-200.8	U	UG/L	1.0	09/14/2023	EBS

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

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Seattle, WA 98101

DATE: 9/22/2023
ALS SDG#: EV23090039
WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
CLIENT PROJECT: Sunnyside WD

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 200265 - Soil by EPA-8260

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Dichlorodifluoromethane - BS	EPA-8260	67.5			50	150	09/08/2023	DLC
Dichlorodifluoromethane - BSD	EPA-8260	76.0	12		50	150	09/08/2023	DLC
Chloromethane - BS	EPA-8260	66.2			50	150	09/08/2023	DLC
Chloromethane - BSD	EPA-8260	76.2	14		50	150	09/08/2023	DLC
Vinyl Chloride - BS	EPA-8260	71.7			50	150	09/08/2023	DLC
Vinyl Chloride - BSD	EPA-8260	80.9	12		50	150	09/08/2023	DLC
Bromomethane - BS	EPA-8260	78.1			50	150	09/08/2023	DLC
Bromomethane - BSD	EPA-8260	86.4	10		50	150	09/08/2023	DLC
Chloroethane - BS	EPA-8260	75.4			50	150	09/08/2023	DLC
Chloroethane - BSD	EPA-8260	81.5	8		50	150	09/08/2023	DLC
Carbon Tetrachloride - BS	EPA-8260	75.0			50	150	09/08/2023	DLC
Carbon Tetrachloride - BSD	EPA-8260	82.5	10		50	150	09/08/2023	DLC
Trichlorofluoromethane - BS	EPA-8260	79.1			50	150	09/08/2023	DLC
Trichlorofluoromethane - BSD	EPA-8260	86.4	9		50	150	09/08/2023	DLC
Carbon Disulfide - BS	EPA-8260	81.6			50	150	09/08/2023	DLC
Carbon Disulfide - BSD	EPA-8260	89.0	9		50	150	09/08/2023	DLC
Acetone - BS	EPA-8260	88.8			50	150	09/08/2023	DLC
Acetone - BSD	EPA-8260	93.9	6		50	150	09/08/2023	DLC
1,1-Dichloroethene - BS	EPA-8260	79.3			70	130	09/08/2023	DLC
1,1-Dichloroethene - BSD	EPA-8260	86.4	9		70	130	09/08/2023	DLC
Methylene Chloride - BS	EPA-8260	101			50	150	09/08/2023	DLC
Methylene Chloride - BSD	EPA-8260	113	11		50	150	09/08/2023	DLC
Acrylonitrile - BS	EPA-8260	74.8			50	150	09/08/2023	DLC
Acrylonitrile - BSD	EPA-8260	80.8	8		50	150	09/08/2023	DLC
Methyl T-Butyl Ether - BS	EPA-8260	88.4			50	150	09/08/2023	DLC
Methyl T-Butyl Ether - BSD	EPA-8260	94.9	7		50	150	09/08/2023	DLC
Trans-1,2-Dichloroethene - BS	EPA-8260	75.2			50	150	09/08/2023	DLC
Trans-1,2-Dichloroethene - BSD	EPA-8260	82.8	10		50	150	09/08/2023	DLC
1,1-Dichloroethane - BS	EPA-8260	76.6			50	150	09/08/2023	DLC
1,1-Dichloroethane - BSD	EPA-8260	82.1	7		50	150	09/08/2023	DLC
2-Butanone - BS	EPA-8260	85.3			50	150	09/08/2023	DLC
2-Butanone - BSD	EPA-8260	89.2	4		50	150	09/08/2023	DLC
Cis-1,2-Dichloroethene - BS	EPA-8260	78.2			50	150	09/08/2023	DLC
Cis-1,2-Dichloroethene - BSD	EPA-8260	84.7	8		50	150	09/08/2023	DLC
2,2-Dichloropropane - BS	EPA-8260	73.4			50	150	09/08/2023	DLC
2,2-Dichloropropane - BSD	EPA-8260	80.3	9		50	150	09/08/2023	DLC
Bromochloromethane - BS	EPA-8260	86.9			50	150	09/08/2023	DLC
Bromochloromethane - BSD	EPA-8260	92.9	7		50	150	09/08/2023	DLC
Chloroform - BS	EPA-8260	73.8			50	150	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

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CLIENT CONTACT: David Allison
CLIENT PROJECT: Sunnyside WD

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Chloroform - BSD	EPA-8260	83.0	12		50	150	09/08/2023	DLC
1,1,1-Trichloroethane - BS	EPA-8260	73.0			50	150	09/08/2023	DLC
1,1,1-Trichloroethane - BSD	EPA-8260	79.9	9		50	150	09/08/2023	DLC
1,1-Dichloropropene - BS	EPA-8260	73.1			50	150	09/08/2023	DLC
1,1-Dichloropropene - BSD	EPA-8260	80.6	10		50	150	09/08/2023	DLC
1,2-Dichloroethane - BS	EPA-8260	84.7			50	150	09/08/2023	DLC
1,2-Dichloroethane - BSD	EPA-8260	93.0	9		50	150	09/08/2023	DLC
Benzene - BS	EPA-8260	79.5			75	138	09/08/2023	DLC
Benzene - BSD	EPA-8260	88.7	11		75	138	09/08/2023	DLC
Trichloroethene - BS	EPA-8260	78.8			75	136	09/08/2023	DLC
Trichloroethene - BSD	EPA-8260	88.7	12		75	136	09/08/2023	DLC
1,2-Dichloropropane - BS	EPA-8260	77.2			50	150	09/08/2023	DLC
1,2-Dichloropropane - BSD	EPA-8260	83.5	8		50	150	09/08/2023	DLC
Dibromomethane - BS	EPA-8260	82.4			50	150	09/08/2023	DLC
Dibromomethane - BSD	EPA-8260	92.0	11		50	150	09/08/2023	DLC
Bromodichloromethane - BS	EPA-8260	76.6			50	150	09/08/2023	DLC
Bromodichloromethane - BSD	EPA-8260	85.3	11		50	150	09/08/2023	DLC
Trans-1,3-Dichloropropene - BS	EPA-8260	83.0			50	150	09/08/2023	DLC
Trans-1,3-Dichloropropene - BSD	EPA-8260	93.0	11		50	150	09/08/2023	DLC
4-Methyl-2-Pentanone - BS	EPA-8260	82.3			50	150	09/08/2023	DLC
4-Methyl-2-Pentanone - BSD	EPA-8260	88.7	7		50	150	09/08/2023	DLC
Toluene - BS	EPA-8260	79.1			71.6	122.1	09/08/2023	DLC
Toluene - BSD	EPA-8260	90.2	13		71.6	122.1	09/08/2023	DLC
Cis-1,3-Dichloropropene - BS	EPA-8260	80.0			50	150	09/08/2023	DLC
Cis-1,3-Dichloropropene - BSD	EPA-8260	88.1	10		50	150	09/08/2023	DLC
1,1,2-Trichloroethane - BS	EPA-8260	82.1			50	150	09/08/2023	DLC
1,1,2-Trichloroethane - BSD	EPA-8260	92.4	12		50	150	09/08/2023	DLC
2-Hexanone - BS	EPA-8260	88.7			50	150	09/08/2023	DLC
2-Hexanone - BSD	EPA-8260	96.9	9		50	150	09/08/2023	DLC
1,3-Dichloropropane - BS	EPA-8260	81.8			50	150	09/08/2023	DLC
1,3-Dichloropropane - BSD	EPA-8260	90.3	10		50	150	09/08/2023	DLC
Tetrachloroethylene - BS	EPA-8260	70.8			50	150	09/08/2023	DLC
Tetrachloroethylene - BSD	EPA-8260	80.4	13		50	150	09/08/2023	DLC
Dibromochloromethane - BS	EPA-8260	83.0			50	150	09/08/2023	DLC
Dibromochloromethane - BSD	EPA-8260	94.0	12		50	150	09/08/2023	DLC
1,2-Dibromoethane - BS	EPA-8260	86.8			50	150	09/08/2023	DLC
1,2-Dibromoethane - BSD	EPA-8260	96.9	11		50	150	09/08/2023	DLC
Chlorobenzene - BS	EPA-8260	80.4			79	128	09/08/2023	DLC
Chlorobenzene - BSD	EPA-8260	90.5	12		79	128	09/08/2023	DLC
1,1,1,2-Tetrachloroethane - BS	EPA-8260	75.5			50	150	09/08/2023	DLC



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LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
1,1,1,2-Tetrachloroethane - BSD	EPA-8260	86.3	13		50	150	09/08/2023	DLC
Ethylbenzene - BS	EPA-8260	70.0			50	150	09/08/2023	DLC
Ethylbenzene - BSD	EPA-8260	78.8	12		50	150	09/08/2023	DLC
m,p-Xylene - BS	EPA-8260	67.9			50	150	09/08/2023	DLC
m,p-Xylene - BSD	EPA-8260	76.4	12		50	150	09/08/2023	DLC
Styrene - BS	EPA-8260	77.2			50	150	09/08/2023	DLC
Styrene - BSD	EPA-8260	87.7	13		50	150	09/08/2023	DLC
o-Xylene - BS	EPA-8260	70.5			50	150	09/08/2023	DLC
o-Xylene - BSD	EPA-8260	79.6	12		50	150	09/08/2023	DLC
Bromoform - BS	EPA-8260	83.9			50	150	09/08/2023	DLC
Bromoform - BSD	EPA-8260	95.5	13		50	150	09/08/2023	DLC
Isopropylbenzene - BS	EPA-8260	68.6			50	150	09/08/2023	DLC
Isopropylbenzene - BSD	EPA-8260	79.2	14		50	150	09/08/2023	DLC
1,1,2,2-Tetrachloroethane - BS	EPA-8260	84.5			50	150	09/08/2023	DLC
1,1,2,2-Tetrachloroethane - BSD	EPA-8260	94.6	11		50	150	09/08/2023	DLC
1,2,3-Trichloropropane - BS	EPA-8260	83.3			50	150	09/08/2023	DLC
1,2,3-Trichloropropane - BSD	EPA-8260	93.0	11		50	150	09/08/2023	DLC
Bromobenzene - BS	EPA-8260	75.0			50	150	09/08/2023	DLC
Bromobenzene - BSD	EPA-8260	83.7	11		50	150	09/08/2023	DLC
N-Propyl Benzene - BS	EPA-8260	68.6			50	150	09/08/2023	DLC
N-Propyl Benzene - BSD	EPA-8260	78.0	13		50	150	09/08/2023	DLC
2-Chlorotoluene - BS	EPA-8260	68.8			50	150	09/08/2023	DLC
2-Chlorotoluene - BSD	EPA-8260	77.8	12		50	150	09/08/2023	DLC
1,3,5-Trimethylbenzene - BS	EPA-8260	67.6			50	150	09/08/2023	DLC
1,3,5-Trimethylbenzene - BSD	EPA-8260	76.4	12		50	150	09/08/2023	DLC
4-Chlorotoluene - BS	EPA-8260	70.6			50	150	09/08/2023	DLC
4-Chlorotoluene - BSD	EPA-8260	79.6	12		50	150	09/08/2023	DLC
T-Butyl Benzene - BS	EPA-8260	68.6			50	150	09/08/2023	DLC
T-Butyl Benzene - BSD	EPA-8260	77.6	12		50	150	09/08/2023	DLC
1,2,4-Trimethylbenzene - BS	EPA-8260	69.5			50	150	09/08/2023	DLC
1,2,4-Trimethylbenzene - BSD	EPA-8260	78.6	12		50	150	09/08/2023	DLC
S-Butyl Benzene - BS	EPA-8260	66.5			50	150	09/08/2023	DLC
S-Butyl Benzene - BSD	EPA-8260	75.8	13		50	150	09/08/2023	DLC
P-Isopropyltoluene - BS	EPA-8260	68.6			50	150	09/08/2023	DLC
P-Isopropyltoluene - BSD	EPA-8260	77.1	12		50	150	09/08/2023	DLC
1,3-Dichlorobenzene - BS	EPA-8260	73.1			50	150	09/08/2023	DLC
1,3-Dichlorobenzene - BSD	EPA-8260	83.0	13		50	150	09/08/2023	DLC
1,4-Dichlorobenzene - BS	EPA-8260	81.9			50	150	09/08/2023	DLC
1,4-Dichlorobenzene - BSD	EPA-8260	92.3	12		50	150	09/08/2023	DLC
N-Butylbenzene - BS	EPA-8260	69.4			50	150	09/08/2023	DLC



CERTIFICATE OF ANALYSIS

CLIENT: Geosyntec Consultants
520 Pike St, Suite 2600
Seattle, WA 98101

DATE: 9/22/2023
ALS SDG#: EV23090039
WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
CLIENT PROJECT: Sunnyside WD

LABORATORY CONTROL SAMPLE RESULTS

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
N-Butylbenzene - BSD	EPA-8260	78.9	13		50	150	09/08/2023	DLC
1,2-Dichlorobenzene - BS	EPA-8260	75.7			50	150	09/08/2023	DLC
1,2-Dichlorobenzene - BSD	EPA-8260	86.4	13		50	150	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane - BS	EPA-8260	85.5			50	150	09/08/2023	DLC
1,2-Dibromo 3-Chloropropane - BSD	EPA-8260	96.5	12		50	150	09/08/2023	DLC
1,2,4-Trichlorobenzene - BS	EPA-8260	84.7			50	150	09/08/2023	DLC
1,2,4-Trichlorobenzene - BSD	EPA-8260	102	18		50	150	09/08/2023	DLC
Hexachlorobutadiene - BS	EPA-8260	73.1			50	150	09/08/2023	DLC
Hexachlorobutadiene - BSD	EPA-8260	85.1	15		50	150	09/08/2023	DLC
Naphthalene - BS	EPA-8260	72.9			50	150	09/08/2023	DLC
Naphthalene - BSD	EPA-8260	87.5	18		50	150	09/08/2023	DLC
1,2,3-Trichlorobenzene - BS	EPA-8260	87.8			50	150	09/08/2023	DLC
1,2,3-Trichlorobenzene - BSD	EPA-8260	107	19		50	150	09/08/2023	DLC

ALS Test Batch ID: R446234 - Soil by EPA-7471

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Mercury - BS	EPA-7471	101			81.8	117	09/11/2023	RAL
Mercury - BSD	EPA-7471	97.0	4		81.8	117	09/11/2023	RAL

ALS Test Batch ID: R446572 - Water by EPA-245.1

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Mercury - BS	EPA-245.1	101			80.6	118	09/13/2023	RAL
Mercury - BSD	EPA-245.1	101	0		80.6	118	09/13/2023	RAL

ALS Test Batch ID: 200209 - Soil by EPA-6020

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Arsenic - BS	EPA-6020	98.7			80	120	09/11/2023	EBS
Arsenic - BSD	EPA-6020	99.0	0		80	120	09/11/2023	EBS
Barium - BS	EPA-6020	102			80	120	09/11/2023	EBS
Barium - BSD	EPA-6020	100	2		80	120	09/11/2023	EBS
Cadmium - BS	EPA-6020	106			80	120	09/11/2023	EBS
Cadmium - BSD	EPA-6020	106	0		80	120	09/11/2023	EBS
Chromium - BS	EPA-6020	97.7			80	120	09/11/2023	EBS
Chromium - BSD	EPA-6020	98.1	0		80	120	09/11/2023	EBS
Lead - BS	EPA-6020	94.8			80	120	09/11/2023	EBS
Lead - BSD	EPA-6020	94.7	0		80	120	09/11/2023	EBS
Selenium - BS	EPA-6020	100			80	120	09/11/2023	EBS



CERTIFICATE OF ANALYSIS

CLIENT: Geosyntec Consultants
 520 Pike St, Suite 2600
 Seattle, WA 98101

DATE: 9/22/2023
 ALS SDG#: EV23090039
 WDOE ACCREDITATION: C601

CLIENT CONTACT: David Allison
 CLIENT PROJECT: Sunnyside WD

LABORATORY CONTROL SAMPLE RESULTS

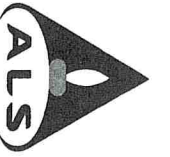
SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Selenium - BSD	EPA-6020	101	1		80	120	09/11/2023	EBS
Silver - BS	EPA-6020	104			80	120	09/11/2023	EBS
Silver - BSD	EPA-6020	105	1		80	120	09/11/2023	EBS

ALS Test Batch ID: 200293 - Water by EPA-200.8

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	LIMITS		ANALYSIS DATE	ANALYSIS BY
					MIN	MAX		
Arsenic - BS	EPA-200.8	97.3			89.1	110	09/14/2023	EBS
Arsenic - BSD	EPA-200.8	98.3	1		89.1	110	09/14/2023	EBS
Barium - BS	EPA-200.8	101			88.5	108	09/14/2023	EBS
Barium - BSD	EPA-200.8	99.4	2		88.5	108	09/14/2023	EBS
Cadmium - BS	EPA-200.8	97.9			89.4	110	09/14/2023	EBS
Cadmium - BSD	EPA-200.8	98.5	1		89.4	110	09/14/2023	EBS
Chromium - BS	EPA-200.8	94.6			88.3	110.2	09/14/2023	EBS
Chromium - BSD	EPA-200.8	94.7	0		88.3	110.2	09/14/2023	EBS
Lead - BS	EPA-200.8	91.8			87.5	107	09/14/2023	EBS
Lead - BSD	EPA-200.8	92.9	1		87.5	107	09/14/2023	EBS
Selenium - BS	EPA-200.8	98.4			90.2	113	09/14/2023	EBS
Selenium - BSD	EPA-200.8	98.2	0		90.2	113	09/14/2023	EBS
Silver - BS	EPA-200.8	99.9			80	120	09/14/2023	EBS
Silver - BSD	EPA-200.8	100	1		80	120	09/14/2023	EBS

APPROVED BY

Rob Greer
 Laboratory Director



ALS Environmental
 8620 Holly Drive, Suite 100
 Everett, WA 98208
 Phone (425) 356-2600
 Fax (425) 356-2626
 http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

Date 9/17/23

Page 1 of 2

EV23090039

ALS Job# (Laboratory Use Only)

PROJECT ID:	Sunyside WSP	ANALYSIS REQUESTED										OTHER (Specify)															
REPORT TO COMPANY:	Greensytec	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	BTEX by EPA 8260	MTBE by EPA 8021	MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	
PROJECT MANAGER:	David Allison	NUMBER OF CONTAINERS																									
ADDRESS:	520 Pike Street, Ste 2600 Seattle, WA 98101	RECEIVED IN GOOD CONDITION?																									
PHONE:	208-407-1440																										
E-MAIL:	David.Allison@Greensytec.com																										
INVOICE TO COMPANY:	David Allison Greensytec																										
ATTENTION:	David Allison																										
ADDRESS:	520 Pike Street Ste 2600 Seattle, WA 98101																										
SAMPLE I.D.	DATE	TIME	TYPE	LAB#																							
1. Composite 1,2,3	9/7	11:45	Soil	1	X				X								X										
2. Composite 4C		12:20	Soil	2	X				X								X										
3. Drum 5		1:30	Water	3	X				X								X										
4. Composite 7, 9		12:40	Soil	4	X				X								X										
5. Composite 8, 9, 10		12:50	Soil	5	X				X								X										
6. Composite 11, 12, 13		1:00	Soil	6	X				X								X										
7. Drum 14		1:10	Soil	7	X				X								X										
8. Composite 15, 16		1:40	Water	8	X				X								X										
9. Drum 17		1:25	Soil	9	X				X								X										
10. Drum 18		1:50	Water	10	X				X								X										

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: David Allison/Greensytec 9/17/23 2:40pm

Received By: Stuud MSE 9/18/23 0915

2. Relinquished By: _____

Received By: _____

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis

Standard 5 3 2 1 SAME DAY

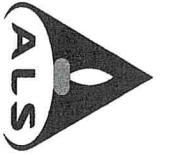
Fuels & Hydrocarbon Analysis

Standard 5 3 1 SAME DAY

Specify: _____

OTHER: _____

*Turnaround request less than standard may incur Rush Charges



ALS Environmental
 8620 Holly Drive, Suite 100
 Everett, WA 98208
 Phone (425) 356-2600
 Fax (425) 356-2626
 http://www.alsglobal.com

Chain Of Custody/ Laboratory Analysis Request

ALS Job# _____ (Laboratory Use Only)

Date 9/7/23 Page 2 Of 2

EV23090039

PROJECT ID: <u>Sunnyside W/D</u>					ANALYSIS REQUESTED												OTHER (Specify)																
REPORT TO COMPANY: <u>Greasytree</u>																																	
PROJECT MANAGER: <u>David Allison</u>																																	
ADDRESS: <u>520 Pike Street, Ste 2600</u> <u>Seattle, Washington 98101</u>																																	
PHONE: <u>208-407-1440</u> P.O. #:																																	
E-MAIL: <u>David, Allison @ Greasytree</u>																																	
INVOICE TO COMPANY: <u>Greasytree</u>																																	
ATTENTION: <u>David Allison</u>																																	
ADDRESS: <u>520 Pike Street, Ste 2600</u> <u>Seattle, WA 98101</u>																																	
SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-HCID	NWTPH-DX	NWTPH-GX	BTEX by EPA 8021	BTEX by EPA 8260	MTBE by EPA 8021	MTBE by EPA 8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	EDB / EDC by EPA 8260 SIM (water)	EDB / EDC by EPA 8260 (soil)	Semivolatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA 8270 SIM	PCB by EPA 8082	Pesticides by EPA 8081	Metals-MTCA-5	RCRA-8	Pri Pol	TAL	Metals Other (Specify)	TCLP-Metals	VOA	Semi-Vol	Pest	Herbs	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?		
1. <u>Tote 20</u>	<u>9/7/23</u>	<u>2:00</u>	<u>Water</u>	<u>11</u>									<u>X</u>								<u>X</u>											<u>4</u>	
2. <u>TRIP BLANK</u>			<u>W</u>	<u>12</u>									<u>X</u>																				
3.																																	
4.																																	
5.																																	
6.																																	
7.																																	
8.																																	
9.																																	
10.																																	

SPECIAL INSTRUCTIONS

SIGNATURES (Name, Company, Date, Time):
 1. Relinquished By: David Allison, Greasytree, 9/7/23 2:40pm
 Received By: Shmilt Alf 9/8/23 0915
 2. Relinquished By: _____
 Received By: _____

TURNAROUND REQUESTED in Business Days*
 Organic, Metals & Inorganic Analysis: 10 5 3 2 1 SAME DAY
 Fuels & Hydrocarbon Analysis: 5 3 1 SAME DAY
 OTHER: _____
 Specify: _____
 *Turnaround request less than standard may incur Rush Charges

ALS ENVIRONMENTAL

Sample Receiving Checklist

Client: Geosyntec

ALS Job #: EV23090039

Project: Sunnyside WD

Received Date: 9/8/23 Received Time: 0915 By: ce

Type of shipping container: Cooler Box Other

Shipped via: FedEx Ground UPS Mail Courier Hand Delivered

FedEx Express
priority overnight

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Were custody seals on outside of shipping container?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, how many? _____ Where? _____			
Custody seal date: _____ Seal name: _____			

Was Chain of Custody properly filled out (ink, signed, dated, etc.)?

Did all bottles have labels?

Did all bottle labels and tags agree with Chain of Custody?

Were samples received within hold time?

Did all bottles arrive in good condition (unbroken, etc.)?

Was sufficient amount of sample sent for the tests indicated?

Was correct preservation added to samples?

If no, Sample Control added preservative to the following:

<u>Sample Number</u>	<u>Reagent</u>	<u>Analyte</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

7 lowKAs

Were VOA vials checked for absence of air bubbles?

Bubbles present in sample #:

Temperature of cooler upon receipt: 4.8° (on ice) Cold Cool Ambient N/A

Explain any discrepancies: received trip blanks, not on chain. one TB was broken.

Was client contacted? _____ Who was called? _____ By whom? _____ Date: _____

Outcome of call: _____