

3/24/2010

10:20

A Ave Landfill
Post closure sampling -
Sups

sup 1 NW corner of
landfill - pooled water
sup at base of fill

Britt Pfaff - Dunton → SCPTD

Polly Dubbel

Jeff Beltramini - City of

Sample ID 032401 Anacortes

6 bottles filled

500ml for metals

250ml nitrate/nitrite etc.

2 VOA

2 SIMS VOA

Britt filled bottles

Sample ID 032402

NE Sup at toe of fill - pooled
water - 6 bottles filled same as

above 10:50-1100

Britt sampling

Below + N of old sludge beds



ADCE ANALYTICAL LABORATORIES
10000 1st Ave SE
Mount Vernon, WA 98273
Phone: 360-595-4000
Fax: 360-595-4001
www.adceanalytical.com

March 24, 2010

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Sample Receipt

FAX Number: 360-595-4001

Ms. Britt Pfaff-Dunton
Skagit Co Health Dept
700 South 2nd #301
Mount Vernon, WA 98273

Dear Britt,

We received the following samples for project "A Ave Landfill" on 3/24/2010 at 2:20 pm. This project is expected to start in April 07, 2010. The temperature of the sample cooler was 10C. If you have any questions concerning this project, please call our reference number 10-03891.

LAB NUMBER	CLIENT SAMPLE ID#	Date Sampled	Sampled By	Status	COMMENTS
8736	32401/NW Seep	3/24/10 12:00 a	Britt Pfaff-Dunton	Pending	
8736	32401/NW Seep	3/24/10 10:32 a	Britt Pfaff-Dunton	Pending	
8737	32402/NE Seep	3/24/10 12:00 a	Britt Pfaff-Dunton	Pending	
8737	32402/NE Seep	3/24/10 10:51 a	Britt Pfaff-Dunton	Pending	

ADDITIONAL COMMENTS:



Burlington WA	1620 S Walnut St - 98233
Corporate Office	800.755.9295 • 360.757.1400 • 360.757.1402fax
Bellingham WA	805 Orchard Dr Suite 4 - 98225
Microbiology	360.671.0688 • 360.671.1577fax

April 6, 2010

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Ms. Britt Pfaff-Dunton
Skagit Co Health Dept
700 South 2nd #301
Mount Vernon, WA 98273

RE: 10-03891 - A Ave Landfill

Dear Ms. Britt Pfaff-Dunton,

Your project: A Ave Landfill, was received on Wednesday March 24, 2010.
The following comments are reported for your project:

In addition to matrix interferences, low recoveries on the LFM for sample # 8736 indicate that the sample was non-homogeneous.

If you have questions phone me at 800 755-9295.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "L Henderson", is written over a horizontal line.

Lawrence J Henderson, PhD
Director of Laboratories

Enclosures Data Report



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Data Report

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: **10-03891**
 Project: A Ave Landfill

Report Date: 4/14/10

Date Received: 3/24/10

Reviewed by:

Sample Description: 32401 - NW Seep
 Lab Number: 8736

Sample Date: 3/24/10
 Collected By: Britt Pfaff-Dunton

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
7440-36-0	ANTIMONY	ND	0.005	0.00014	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-41-7	BERYLLIUM	ND	0.005	6.29E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7782-49-2	SELENIUM	ND	0.025	0.00025	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-22-4	SILVER	ND	0.005	5.17E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-28-0	THALLIUM	ND	0.005	3.51E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-38-2	ARSENIC	ND	0.005	0.00015	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-43-9	CADMIUM	ND	0.005	5.28E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-47-3	CHROMIUM	ND	0.005	0.00039	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-50-8	COPPER	0.027	0.025	9.60E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7439-92-1	LEAD	ND	0.005	3.14E-05	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7439-97-6	MERCURY	ND	0.0002	4.00E-05	mg/L	1.0	245.1/FILTER	4/12/10	CCN	HG_100412	
7440-02-0	NICKEL	ND	0.005	0.00043	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-66-6	ZINC	0.031	0.025	0.00028	mg/L	5.0	200.8/FILTER	4/13/10	MVP	200.8_100413	

Filtered

Notes:

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 D.F. - Dilution Factor

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Data Report

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: **10-03891**
 Project: A Ave Landfill

Report Date: 4/14/10

Date Received: 3/24/10

Reviewed by:

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
Sample Description: 32402 - NE Seep Lab Number: 8737								Sample Date: 3/24/10 Collected By: Britt Pfaff-Dunton			
7440-36-0	ANTIMONY	ND	0.001	2.78E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-41-7	BERYLLIUM	ND	0.001	1.26E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7782-49-2	SELENIUM	ND	0.005	4.97E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-22-4	SILVER	ND	0.001	1.03E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-28-0	THALLIUM	ND	0.001	7.02E-06	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-38-2	ARSENIC	0.002	0.001	3.00E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-43-9	CADMIUM	ND	0.001	1.06E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-47-3	CHROMIUM	ND	0.005	7.76E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-50-8	COPPER	0.012	0.005	1.92E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7439-92-1	LEAD	ND	0.001	6.28E-06	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7439-97-6	MERCURY	ND	0.0002	4.00E-05	mg/L	1.0	245.1/FILTER	4/12/10	CCN	HG_100412	
7440-02-0	NICKEL	0.006	0.001	8.51E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	
7440-66-6	ZINC	0.007	0.005	5.51E-05	mg/L	1.0	200.8/FILTER	4/13/10	MVP	200.8_100413	

Filtered

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Data Report

Unfiltered

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: **10-03891**
 Project: **A Ave Landfill**

Report Date: 4/6/10

Date Received: 3/24/10

Reviewed by:

Sample Description: 32401 - NW Seep
 Lab Number: 8736
 Sample Date: 3/24/10
 Collected By: Britt Pfaff-Dunton

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
E-10128	TOTAL NITRATE/NITRITE	0.08	0.01	0.0013	mg/L	1.0	SM4500-NO3 F	4/6/10	SPL	NO3NO2-100406	
14808-79-8	SULFATE	23	2	0.15	mg/L	10.0	300 D	3/24/10	BJ	1100324A	
E-10139	HYDROGEN ION (pH)	7.40			pH Units	1.0	SM4500-H+ B	3/24/10	CCN	PH_100324	
7439-97-6	MERCURY	0.00668	0.0004	8.00E-05	mg/L	2.0	245 1	3/29/10	CCN	Hg_100329	
7440-41-7	BERYLLIUM	ND	0.005	0.00088	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-47-3	CHROMIUM	0.067	0.005	0.00139	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-02-0	NICKEL	0.060	0.005	0.00053	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-50-8	COPPER	0.401	0.005	0.00024	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-66-6	ZINC	1.5	0.010	0.0012	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-38-2	ARSENIC	0.009	0.005	0.0008	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7782-49-2	SELENIUM	ND	0.025	0.00055	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-22-4	SILVER	0.024	0.005	0.00013	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-43-9	CADMIUM	0.009	0.005	0.00068	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-36-0	ANTIMONY	0.005	0.005	0.00015	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-28-0	THALLIUM	ND	0.005	0.00012	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7439-92-1	LEAD	0.434	0.005	0.0001	mg/L	5.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	

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Unfiltered

Data Report

Sample Description: 32402 - NE Seep
Lab Number: 8737

Sample Date: 3/24/10
Collected By: Britt Pfaff-Dunton

CAS ID#	Parameter	Result	PQL	MDL	Units	DF	Method	Analyzed	Analyst	Batch	Comment
E-10128	TOTAL NITRATE/NITRITE	0.43	0.01	0.0013	mg/L	1.0	SM4500-NO3 F	4/8/10	SPL	NO3NO2-100406	
14808-79-8	SULFATE	19	2	0.15	mg/L	10.0	300.0	3/24/10	BJ	1100324A	
E-10139	HYDROGEN ION (pH)	6.69			pH Units	1.0	SM4500-H+ B	3/24/10	CCN	PH_100324	
7439-97-6	MERCURY	ND	0.0002	4.00E-05	mg/L	1.0	245.1	3/29/10	CCN	Hg_100329	
7440-41-7	BERYLLIUM	ND	0.001	0.00018	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-47-3	CHROMIUM	ND	0.010	0.00028	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-02-0	NICKEL	0.010	0.001	0.00011	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-50-8	COPPER	0.006	0.005	4.85E-05	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-66-6	ZINC	0.006	0.005	0.00024	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-38-2	ARSENIC	0.001	0.001	0.00016	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7782-49-2	SELENIUM	ND	0.005	0.00011	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-22-4	SILVER	ND	0.001	2.57E-05	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-43-9	CADMIUM	ND	0.001	0.00014	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-36-0	ANTIMONY	ND	0.001	2.90E-05	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7440-28-0	THALLIUM	ND	0.001	2.43E-05	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	
7439-92-1	LEAD	ND	0.001	2.08E-05	mg/L	1.0	200.8/3010A	3/31/10	MVP	200.8_100331WW	

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WSDOE Lab C1251

DATA REPORT

Page 1 of 1

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: 10-03891
 Project: A Ave Landfill

Lab Number: 08737
 Field ID: 32402
 Sample Description: NE Seep
 Matrix: Surface Water
 Sample Date: 3/24/10
 Extraction Date: 3/31/10
 Extraction Method: 5030B

Report Date: 4/2/10
 Date Analyzed: 3/31/10
 Analyst: HY
 Peer Review: *[Signature]*
 Analytical Method: 8260SIM
 Batch: SIM_100331

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
Volatile Organic Compounds									
75-01-4	VINYL CHLORIDE (SIM)	ND		ug/L	0.01	0.01		1.00	
107-13-1	ACRYLONITRILE (SIM)	ND		ug/L	0.05	0.05		1.00	
106-93-4	1,2 - DIBROMOETHANE (SIM)	ND		ug/L	0.01	0.01		1.00	
123-91-1	1,4-DIOXANE (SIM)	ND		ug/L	10	10		1.00	
110-75-8	2-CHLOROETHYL VINYL ETHER (SIM)	ND		ug/L	5.0	5.0		1.00	

Notes:

Flags are data qualifiers. If there are data qualifiers on your report definitions can be found on an accompanying sheet
 ND - indicates the compound was not detected above the PQL or MDL
 PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.
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WSDOE Lab C1251

DATA REPORT

Page 1 of 1

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: 10-03891
 Project: A Ave Landfill

Lab Number: 08736
 Field ID: 32401
 Sample Description: NW Seep
 Matrix: Surface Water
 Sample Date: 3/24/10
 Extraction Date: 3/31/10
 Extraction Method: 5030B

Report Date: 4/2/10
 Date Analyzed: 3/31/10
 Analyst: HY
 Peer Review: PM
 Analytical Method: 8260SIM
 Batch: SIM_100331

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
Volatile Organic Compounds									
75-01-4	VINYL CHLORIDE (SIM)	ND		ug/L	0.01	0.01		1.00	
107-13-1	ACRYLONITRILE (SIM)	ND		ug/L	0.05	0.05		1.00	
106-93-4	1,2 - DIBROMOETHANE (SIM)	ND		ug/L	0.01	0.01		1.00	
123-91-1	1,4-DIOXANE (SIM)	ND		ug/L	10	10		1.00	
110-75-8	2-CHLOROETHYL VINYL ETHER (SIM)	ND		ug/L	5.0	5.0		1.00	

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 ND - indicates the compound was not detected above the PQL or MDL
 PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions
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WSDOE Lab C1251

DATA REPORT

Page 1 of 3

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: 10-03891
 Project: A Ave Landfill

Lab Number: 08737
 Field ID: 32402
 Sample Description: NE Seep
 Matrix: Surface Water
 Sample Date: 3/24/10
 Extraction Date: 3/26/10
 Extraction Method: 5030B

Report Date: 4/2/10
 Date Analyzed: 3/26/10
 Analyst: HY
 Peer Review: *[Signature]*
 Analytical Method: 8260B
 Batch: 8260W_100326

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
75-34-3	1,1 - DICHLOROETHANE	ND		ug/L	0.4	0.4	0.04	1.00	
75-35-4	1,1 - DICHLOROETHYLENE	ND		ug/L	0.4	0.4	0.04	1.00	
563-58-6	1,1 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.05	1.00	
71-55-6	1,1,1 - TRICHLOROETHANE	ND		ug/L	0.4	0.4	0.04	1.00	
630-20-8	1,1,1,2 - TETRACHLOROETHANE	ND		ug/L	0.4	0.4	0.02	1.00	
79-00-5	1,1,2 - TRICHLOROETHANE	ND		ug/L	0.4	0.4	0.04	1.00	
76-13-1	1,1,2 - TRICHLOROTRIFLUOROETHANE	ND		ug/L	0.4	0.4		1.00	
79-34-5	1,1,2,2 - TETRACHLOROETHANE	ND		ug/L	0.4	0.4	0.02	1.00	
95-50-1	1,2 - DICHLOROBENZENE (ortho)	ND		ug/L	0.4	0.4	0.02	1.00	
107-06-2	1,2 - DICHLOROETHANE	ND		ug/L	0.4	0.4	0.06	1.00	
78-97-5	1,2 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.03	1.00	
87-61-6	1,2,3 - TRICHLOROBENZENE	ND		ug/L	0.4	0.4	0.04	1.00	
96-18-4	1,2,3 - TRICHLOROPROPANE	ND		ug/L	0.4	0.4	0.08	1.00	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND		ug/L	0.4	0.4	0.05	1.00	
95-63-6	1,2,4 - TRIMETHYLBENZENE	ND		ug/L	0.4	0.4	0.04	1.00	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ND		ug/L	1.0	1.0	0.19	1.00	
541-73-1	1,3 - DICHLOROBENZENE (meta)	ND		ug/L	0.4	0.4	0.07	1.00	
142-28-9	1,3 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.03	1.00	
108-67-8	1,3,5 - TRIMETHYLBENZENE	ND		ug/L	0.4	0.4	0.03	1.00	
108-46-7	1,4 - DICHLOROBENZENE (para)	ND		ug/L	0.4	0.4	0.04	1.00	
109-69-3	1-CHLOROBUTANE	ND		ug/L	0.4	0.4		1.00	
594-20-7	2,2 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.1	1.00	
78-93-3	2-BUTANONE (MEK)	ND		ug/L	2.0	2.0	0.76	1.00	
591-78-6	2-HEXANONE	ND		ug/L	5.0	5.0	0.22	1.00	
79-46-9	2-NITROPROPANE	ND		ug/L	10.0	10.0		1.00	

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CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
108-10-1	4-METHYL-2-PENTANONE	ND		ug/L	4.0	4.0	0.12	1.00	
67-64-1	ACETONE	ND		ug/L	3.0	3.0	1.	1.00	
107-02-8	ACROLEIN	ND		ug/L	4.0	4.0		1.00	Screening Only
107-13-1	ACRYLONITRILE	ND		ug/L	1.0	1.0	0.43	1.00	
107-05-1	ALLYL CHLORIDE	ND		ug/L	2.0	2.0	0.32	1.00	
71-43-2	BENZENE	ND		ug/L	0.4	0.4	0.02	1.00	
106-86-1	BROMOBENZENE	ND		ug/L	0.4	0.4	0.05	1.00	
74-97-5	BROMOCHLOROMETHANE	ND		ug/L	0.4	0.4	0.04	1.00	
75-27-4	BROMODICHLOROMETHANE	ND		ug/L	0.4	0.4	0.03	1.00	
75-25-2	BROMOFORM	ND		ug/L	0.4	0.4	0.02	1.00	
74-83-9	BROMOMETHANE	ND		ug/L	0.4	0.4	0.09	1.00	
75-15-0	CARBON DISULFIDE	ND		ug/L	0.4	0.4	0.44	1.00	
56-23-5	CARBON TETRACHLORIDE	ND		ug/L	0.4	0.4	0.04	1.00	
106-90-7	CHLOROBENZENE	ND		ug/L	0.4	0.4	0.02	1.00	
75-45-6	CHLORODIFLUOROMETHANE (FREON-	ND		ug/L	0.4	0.4		1.00	
75-00-3	CHLOROETHANE	ND		ug/L	0.4	0.4	0.06	1.00	
67-66-3	CHLOROFORM	ND		ug/L	0.4	0.4	0.04	1.00	
74-87-3	CHLOROMETHANE	ND		ug/L	0.4	0.4	0.13	1.00	
156-59-2	CIS - 1,2 - DICHLOROETHENE	ND		ug/L	0.4	0.4	0.04	1.00	
10061-01-	CIS - 1,3 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.04	1.00	
124-48-1	DIBROMOCHLOROMETHANE	ND		ug/L	0.4	0.4	0.03	1.00	
74-95-3	DIBROMOMETHANE	ND		ug/L	0.4	0.4	0.03	1.00	
75-71-8	DICHLORODIFLUOROMETHANE	ND		ug/L	0.4	0.4	0.13	1.00	
75-43-4	DICHLOROFLUOROMETHANE (FREON-	ND		ug/L	0.4	0.4		1.00	
60-29-7	DIETHYL ETHER	ND		ug/L	0.4	0.4	0.16	1.00	
97-63-2	ETHYL METHACRYLATE	ND		ug/L	2	2	0.17	1.00	
100-41-4	ETHYLBENZENE	ND		ug/L	0.4	0.4	0.13	1.00	
106-93-4	ETHYLENE DIBROMIDE (EDB)	ND		ug/L	0.4	0.4		1.00	
87-68-3	HEXACHLOROBUTADIENE	ND		ug/L	0.4	0.4	0.06	1.00	
67-72-1	HEXACHLOROETHANE	ND		ug/L	0.4	0.4	0.37	1.00	
98-82-8	ISOPROPYLBENZENE	ND		ug/L	0.4	0.4	0.13	1.00	
1330-20-7	M.P- XYLENE	ND		ug/L	0.4	0.4	0.05	1.00	
126-98-7	METHACRYLONITRILE	ND		ug/L	4.0	4.0	0.32	1.00	
96-33-3	METHYL ACRYLATE	ND		ug/L	0.8	0.8	0.19	1.00	
74-88-4	METHYL IODIDE	ND		ug/L	5.0	5.0		1.00	
80-62-6	METHYL METHACRYLATE	ND		ug/L	1.0	1.0	0.1	1.00	
1634-04-4	METHYL TERT-BUTYL ETHER	ND		ug/L	1.0	1.0	0.25	1.00	
75-09-2	METHYLENE CHLORIDE	ND		ug/L	0.4	0.4	0.25	1.00	
104-51-8	N - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.07	1.00	
103-65-1	N - PROPYLBENZENE	ND		ug/L	0.4	0.4	0.02	1.00	
91-20-3	NAPHTHALENE	ND		ug/L	1.0	1.0	0.11	1.00	

Notes:

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PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

D.F. = Dilution Factor.

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
95-49-8	O - CHLOROTOLUENE	ND		ug/L	0.4	0.4	0.16	1.00	
95-47-6	O - XYLENE	ND		ug/L	0.4	0.4	0.02	1.00	
106-43-4	P - CHLOROTOLUENE	ND		ug/L	0.4	0.4	0.04	1.00	
99-87-6	P - ISOPROPYLTOLUENE	ND		ug/L	0.4	0.4	0.04	1.00	
76-01-7	PENTACHLOROETHANE	ND		ug/L	0.4	0.4		1.00	
135-98-8	SEC - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.05	1.00	
100-42-5	STYRENE	ND		ug/L	0.4	0.4	0.19	1.00	SIM ANALYSIS
98-06-6	TERT - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.03	1.00	
127-18-4	TETRACHLOROETHYLENE	ND		ug/L	0.4	0.4	0.11	1.00	
109-99-9	TETRAHYDROFURAN	ND		ug/L	3.0	3.0	1.9	1.00	
108-88-3	TOLUENE	ND		ug/L	0.4	0.4	0.02	1.00	
156-60-5	TRANS - 1,2 - DICHLOROETHENE	ND		ug/L	0.4	0.4	0.03	1.00	
10061-02-	TRANS - 1,3 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.05	1.00	
110-57-6	TRANS - 1,4 - DICHLORO-2-BUTENE	ND		ug/L	5	5		1.00	
79-01-6	TRICHLOROETHENE	ND		ug/L	0.4	0.4	0.02	1.00	
75-69-4	TRICHLOROFLUOROMETHANE	ND		ug/L	0.4	0.4	0.06	1.00	
108-05-4	VINYL ACETATE	ND		ug/L	0.4	0.4		1.00	
75-01-4	VINYL CHLORIDE	ND		ug/L	0.4	0.4	0.12	1.00	

Notes:

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ND - Indicates the compound was not detected above the PQL or MDL

PQL = Precise Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions.

D.F. - Dawson Factor



Burlington WA 1620 S Walnut St - 98233
 Corporate Office 800.755.9295 • 360.757.1400 • 360.757.1402fax
 Bellingham WA 805 Orchard Dr Suite 4 - 98225
 Microbiology 360.671.0688 • 360.671.1577fax

WSDOE Lab C1251

DATA REPORT

Page 1 of 3

Client Name: Skagit Co Health Dept
 700 South 2nd #301
 Mount Vernon, WA 98273

Reference Number: 10-03891
 Project: A Ave Landfill

Lab Number: 08736
 Field ID: 32401
 Sample Description: NW Seep
 Matrix: Surface Water
 Sample Date: 3/24/10
 Extraction Date: 3/26/10
 Extraction Method: 5030B

Report Date: 4/2/10
 Date Analyzed: 3/26/10
 Analyst: HY
 Peer Review: *[Signature]*
 Analytical Method: 8260B
 Batch: 8260W_100326

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
75-34-3	1,1 - DICHLOROETHANE	ND		ug/L	0.4	0.4	0.13	1.00	
75-35-4	1,1 - DICHLOROETHYLENE	ND		ug/L	0.4	0.4	0.2	1.00	
563-58-6	1,1 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.17	1.00	
71-55-6	1,1,1 - TRICHLOROETHANE	ND		ug/L	0.4	0.4	0.17	1.00	
630-20-6	1,1,1,2 - TETRACHLOROETHANE	ND		ug/L	0.4	0.4	0.07	1.00	
79-00-5	1,1,2 - TRICHLOROETHANE	ND		ug/L	0.4	0.4	0.12	1.00	
76-13-1	1,1,2 - TRICHLOROTRIFLUOROETHANE	ND		ug/L	0.4	0.4		1.00	
79-34-5	1,1,2,2 - TETRACHLOROETHANE	ND		ug/L	0.4	0.4	0.12	1.00	
95-50-1	1,2 - DICHLOROBENZENE (ortho)	ND		ug/L	0.4	0.4	0.15	1.00	
107-06-2	1,2 - DICHLOROETHANE	ND		ug/L	0.4	0.4	0.12	1.00	
78-87-5	1,2 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.11	1.00	
87-61-6	1,2,3 - TRICHLOROBENZENE	ND		ug/L	0.4	0.4	0.17	1.00	
96-18-4	1,2,3 - TRICHLOROPROPANE	ND		ug/L	0.4	0.4	0.1	1.00	
120-82-1	1,2,4 - TRICHLOROBENZENE	ND		ug/L	0.4	0.4	0.2	1.00	
95-63-6	1,2,4 - TRIMETHYLBENZENE	ND		ug/L	0.4	0.4	0.14	1.00	
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	ND		ug/L	1.0	1.0		1.00	
541-73-1	1,3 - DICHLOROBENZENE (meta)	ND		ug/L	0.4	0.4	0.16	1.00	
142-28-9	1,3 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.11	1.00	
108-67-8	1,3,5 - TRIMETHYLBENZENE	ND		ug/L	0.4	0.4	0.15	1.00	
106-46-7	1,4 - DICHLOROBENZENE (para)	ND		ug/L	0.4	0.4	0.13	1.00	
109-69-3	1-CHLOROBUTANE	ND		ug/L	0.4	0.4		1.00	
594-20-7	2,2 - DICHLOROPROPANE	ND		ug/L	0.4	0.4	0.15	1.00	
78-93-3	2-BUTANONE (MEK)	ND		ug/L	2.0	2.0	0.76	1.00	
591-78-6	2-HEXANONE	ND		ug/L	5.0	5.0	0.22	1.00	
79-48-9	2-NITROPROPANE	ND		ug/L	10.0	10.0		1.00	

Notes:

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 PQL = Practical Quantitation Limit is the lowest level that can be achieved within specified limits of precision and accuracy during routine laboratory operating conditions
 D.F. - Dilution Factor

If you have any questions concerning this report contact Lawrence Henderson at the above phone number.

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
108-10-1	4-METHYL-2-PENTANONE	ND		ug/L	4.0	4.0	0.12	1.00	
67-64-1	ACETONE	2.6	J	ug/L	3.0	3.0	1.	1.00	
107-02-8	ACROLEIN	ND		ug/L	4.0	4.0		1.00	Screening Only
107-13-1	ACRYLONITRILE	ND		ug/L	1.0	1.0	0.43	1.00	
107-05-1	ALLYL CHLORIDE	ND		ug/L	2.0	2.0	0.32	1.00	
71-43-2	BENZENE	ND		ug/L	0.4	0.4	0.1	1.00	
108-86-1	BROMOBENZENE	ND		ug/L	0.4	0.4	0.11	1.00	
74-97-5	BROMOCHLOROMETHANE	ND		ug/L	0.4	0.4	0.1	1.00	
75-27-4	BROMODICHLOROMETHANE	ND		ug/L	0.4	0.4	0.1	1.00	
75-25-2	BROMOFORM	ND		ug/L	0.4	0.4	0.11	1.00	
74-83-9	BROMOMETHANE	ND		ug/L	0.4	0.4	0.16	1.00	
75-15-0	CARBON DISULFIDE	ND		ug/L	0.4	0.4	0.44	1.00	
56-23-5	CARBON TETRACHLORIDE	ND		ug/L	0.4	0.4	0.17	1.00	
108-90-7	CHLOROBENZENE	ND		ug/L	0.4	0.4	0.2	1.00	
75-45-6	CHLORODIFLUOROMETHANE (FREON-	ND		ug/L	0.4	0.4		1.00	
75-00-3	CHLOROETHANE	ND		ug/L	0.4	0.4	0.13	1.00	
67-66-3	CHLOROFORM	ND		ug/L	0.4	0.4	0.13	1.00	
74-87-3	CHLOROMETHANE	ND		ug/L	0.4	0.4	0.09	1.00	
156-59-2	CIS - 1,2 - DICHLOROETHENE	ND		ug/L	0.4	0.4	0.26	1.00	
10061-01-	CIS - 1,3 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.11	1.00	
124-48-1	DIBROMOCHLOROMETHANE	ND		ug/L	0.4	0.4	0.11	1.00	
74-95-3	DIBROMOMETHANE	ND		ug/L	0.4	0.4	0.12	1.00	
75-71-8	DICHLORODIFLUOROMETHANE	ND		ug/L	0.4	0.4	0.14	1.00	
75-43-4	DICHLOROFLUOROMETHANE (FREON-	ND		ug/L	0.4	0.4		1.00	
60-29-7	DIETHYL ETHER	ND		ug/L	0.4	0.4	0.16	1.00	
97-63-2	ETHYL METHACRYLATE	ND		ug/L	2	2	0.17	1.00	
100-41-4	ETHYLBENZENE	ND		ug/L	0.4	0.4	0.13	1.00	
106-93-4	ETHYLENE DIBROMIDE (EDB)	ND		ug/L	0.4	0.4		1.00	
87-68-3	HEXACHLOROBUTADIENE	ND		ug/L	0.4	0.4	0.19	1.00	
67-72-1	HEXACHLOROETHANE	ND		ug/L	0.4	0.4	0.37	1.00	
98-82-8	ISOPROPYLBENZENE	ND		ug/L	0.4	0.4		1.00	
1330-20-7	M,P- XYLENE	ND		ug/L	0.4	0.4	0.14	1.00	
126-98-7	METHACRYLONITRILE	ND		ug/L	4.0	4.0	0.32	1.00	
96-33-3	METHYL ACRYLATE	ND		ug/L	0.8	0.8	0.19	1.00	
74-88-4	METHYL IODIDE	ND		ug/L	5.0	5.0		1.00	
80-62-6	METHYL METHACRYLATE	ND		ug/L	1.0	1.0	0.1	1.00	
1634-04-4	METHYL TERT-BUTYL ETHER	ND		ug/L	1.0	1.0	0.65	1.00	
75-09-2	METHYLENE CHLORIDE	ND		ug/L	0.4	0.4	0.2	1.00	
104-51-8	N - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.16	1.00	
103-65-1	N - PROPYLBENZENE	ND		ug/L	0.4	0.4	0.16	1.00	
91-20-3	NAPHTHALENE	ND		ug/L	1.0	1.0	0.17	1.00	

Notes:

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D.F. = Dilution Factor

CAS	Compound	RESULT	Flag	UNITS	PQL	MRL	MDL	D.F.	COMMENT
95-49-8	O - CHLOROTOLUENE	ND		ug/L	0.4	0.4	0.13	1.00	
95-47-6	O - XYLENE	ND		ug/L	0.4	0.4	0.14	1.00	
106-43-4	P - CHLOROTOLUENE	ND		ug/L	0.4	0.4	0.13	1.00	
99-87-8	P - ISOPROPYLTOLUENE	ND		ug/L	0.4	0.4	0.23	1.00	
76-01-7	PENTACHLOROETHANE	ND		ug/L	0.4	0.4		1.00	
135-98-8	SEC - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.15	1.00	
100-42-5	STYRENE	ND		ug/L	0.4	0.4	0.19	1.00	SIM ANALYSIS
98-06-6	TERT - BUTYLBENZENE	ND		ug/L	0.4	0.4	0.13	1.00	
127-18-4	TETRACHLOROETHYLENE	ND		ug/L	0.4	0.4		1.00	
109-99-9	TETRAHYDROFURAN	ND		ug/L	3.0	3.0	1.9	1.00	
108-88-3	TOLUENE	ND		ug/L	0.4	0.4	0.12	1.00	
156-80-5	TRANS - 1,2 - DICHLOROETHENE	ND		ug/L	0.4	0.4	0.18	1.00	
10061-02-	TRANS - 1,3 - DICHLOROPROPENE	ND		ug/L	0.4	0.4	0.1	1.00	
110-57-6	TRANS - 1,4 - DICHLORO-2-BUTENE	ND		ug/L	5	5		1.00	
79-01-8	TRICHLOROETHENE	ND		ug/L	0.4	0.4	0.15	1.00	
75-69-4	TRICHLOROFLUOROMETHANE	ND		ug/L	0.4	0.4	0.16	1.00	
106-05-4	VINYL ACETATE	ND		ug/L	0.4	0.4		1.00	
75-01-4	VINYL CHLORIDE	ND		ug/L	0.4	0.4	0.12	1.00	

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