

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-785-9739

FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

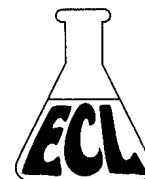
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-001 SAMPLE ID- SW-1
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 10:40 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 1 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.011 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.054 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	55.4 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.005 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001
Iron	EPA 200.8	4/11/2008 13:44	CHK	0.050 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	40.8 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.037 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.2 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	292 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001

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PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-001 SAMPLE ID- SW-1
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 10:40 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 2 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.015 mg/L	0.005

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ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-002 SAMPLE ID- SED-1
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 10:45 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 3 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	35.9	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.34	mg/kg 0.34
Aluminum	EPA 6020	4/14/2008 16:18	CHK	4490	mg/kg 9.68
Antimony	EPA 6020	4/14/2008 16:18	CHK	1.60	mg/kg 0.97
Arsenic	EPA 6020	4/14/2008 16:18	CHK	12.3	mg/kg 0.97
Barium	EPA 6020	4/14/2008 16:18	CHK	31.4	mg/kg 0.97
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.97	mg/kg 0.97
Cadmium	EPA 6020	4/14/2008 16:18	CHK	< 0.97	mg/kg 0.97
Calcium	EPA 6020	4/14/2008 16:18	CHK	1700	mg/kg 48.4
Chromium	EPA 6020	4/14/2008 16:18	CHK	148	mg/kg 0.97
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 3.92	mg/kg 3.92
Cobalt	EPA 6020	4/14/2008 16:18	CHK	6.58	mg/kg 0.97
Copper	EPA 6020	4/14/2008 16:18	CHK	51.9	mg/kg 0.97
Iron	EPA 6020	4/15/2008 17:25	CHK	15000	mg/kg 48.4
Lead	EPA 6020	4/14/2008 16:18	CHK	77.5	mg/kg 0.97
Magnesium	EPA 6020	4/14/2008 16:18	CHK	1300	mg/kg 48.4
Manganese	EPA 6020	4/14/2008 16:18	CHK	137	mg/kg 0.97
Mercury in sediment	EPA 7471	4/14/2008 16:08	CHK	0.23	mg/kg 0.11
Nickel	EPA 6020	4/14/2008 16:18	CHK	16.5	mg/kg 0.97
Potassium	EPA 6020	4/14/2008 16:18	CHK	733	mg/kg 484
Selenium	EPA 6020	4/14/2008 16:18	CHK	3.89	mg/kg 0.97
Silver	EPA 6020	4/15/2008 13:07	CHK	< 1.94	mg/kg 1.94
Sodium	EPA 6020	4/14/2008 16:18	CHK	782	mg/kg 48.4
Thallium	EPA 6020	4/14/2008 16:18	CHK	1.67	mg/kg 0.97

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PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-002 SAMPLE ID- SED-1
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 10:45 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 4 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	38.2 mg/kg	0.97
Zinc	EPA 6020	4/14/2008 16:18	CHK	210 mg/kg	4.84

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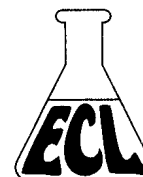
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-003 SAMPLE ID- SW-2
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:00 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 5 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.014 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.056 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	57.9 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.004 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001
Iron	EPA 200.8	4/11/2008 13:44	CHK	0.052 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	41.0 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.039 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.7 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	295 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001

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Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-003
LOCATION-
DATE SAMPLED- 4/9/2008
DATE RECEIVED- 4/9/2008
DELIVERED BY- J. Oliver

SAMPLE ID- SW-2
TIME SAMPLED- 11:00
TIME RECEIVED- 15:00
RECEIVED BY- VPS

SAMPLER- J. Oliver

Page 6 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.013 mg/L	0.005

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5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-004 SAMPLE ID- SED-2
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:05 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 7 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	73.6	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.17	mg/kg 0.17
Aluminum	EPA 6020	4/14/2008 16:18	CHK	74.3	mg/kg 4.75
Antimony	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Arsenic	EPA 6020	4/14/2008 16:18	CHK	2.05	mg/kg 0.47
Barium	EPA 6020	4/14/2008 16:18	CHK	1.48	mg/kg 0.47
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Cadmium	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Calcium	EPA 6020	4/14/2008 16:18	CHK	72.7	mg/kg 23.7
Chromium	EPA 6020	4/14/2008 16:18	CHK	5.74	mg/kg 0.47
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 1.75	mg/kg 1.75
Cobalt	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Copper	EPA 6020	4/14/2008 16:18	CHK	2.72	mg/kg 0.47
Iron	EPA 6020	4/14/2008 16:18	CHK	603	mg/kg 2.37
Lead	EPA 6020	4/14/2008 16:18	CHK	1.39	mg/kg 0.47
Magnesium	EPA 6020	4/14/2008 16:18	CHK	39.3	mg/kg 23.7
Manganese	EPA 6020	4/14/2008 16:18	CHK	50.8	mg/kg 0.47
Mercury in sediment	EPA 7471	4/14/2008 16:14	CHK	< 0.06	mg/kg 0.06
Nickel	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Potassium	EPA 6020	4/14/2008 16:18	CHK	< 237	mg/kg 237
Selenium	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47
Silver	EPA 6020	4/15/2008 13:07	CHK	< 0.95	mg/kg 0.95
Sodium	EPA 6020	4/14/2008 16:18	CHK	147	mg/kg 23.7
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.47	mg/kg 0.47

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Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-004 SAMPLE ID- SED-2
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:05 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 8 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	3.63 mg/kg	0.47
Zinc	EPA 6020	4/14/2008 16:18	CHK	4.65 mg/kg	2.37

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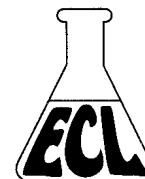
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-005 SAMPLE ID- SW-3
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:15 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 9 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.013 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.054 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	57.2 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.005 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Iron	EPA 200.8	4/11/2008 13:44	CHK	0.052 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	39.9 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.038 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.5 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	287 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001

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ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-005

SAMPLE ID- SW-3

LOCATION-

DATE SAMPLED- 4/9/2008

TIME SAMPLED- 11:15

SAMPLER- J. Oliver

DATE RECEIVED- 4/9/2008

TIME RECEIVED- 15:00

DELIVERED BY- J. Oliver

RECEIVED BY- VPS

Page 10 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.016 mg/L	0.005

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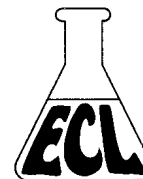
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-006 SAMPLE ID- SED-3
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:20 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 11 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	80.0	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.23	mg/kg 0.23
Aluminum	EPA 6020	4/14/2008 16:18	CHK	2900	mg/kg 4.20
Antimony	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Arsenic	EPA 6020	4/14/2008 16:18	CHK	2.35	mg/kg 0.42
Barium	EPA 6020	4/14/2008 16:18	CHK	8.04	mg/kg 0.42
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Cadmium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Calcium	EPA 6020	4/14/2008 16:18	CHK	318	mg/kg 21.0
Chromium	EPA 6020	4/14/2008 16:18	CHK	8.24	mg/kg 0.42
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 2.25	mg/kg 2.25
Cobalt	EPA 6020	4/14/2008 16:18	CHK	0.79	mg/kg 0.42
Copper	EPA 6020	4/14/2008 16:18	CHK	4.28	mg/kg 0.42
Iron	EPA 6020	4/14/2008 16:18	CHK	3470	mg/kg 2.10
Lead	EPA 6020	4/14/2008 16:18	CHK	4.20	mg/kg 0.42
Magnesium	EPA 6020	4/14/2008 16:18	CHK	372	mg/kg 21.0
Manganese	EPA 6020	4/14/2008 16:18	CHK	21.8	mg/kg 0.42
Mercury in sediment	EPA 7471	4/14/2008 16:16	CHK	< 0.05	mg/kg 0.05
Nickel	EPA 6020	4/14/2008 16:18	CHK	1.85	mg/kg 0.42
Potassium	EPA 6020	4/14/2008 16:18	CHK	308	mg/kg 210
Selenium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Silver	EPA 6020	4/15/2008 13:07	CHK	< 0.84	mg/kg 0.84
Sodium	EPA 6020	4/14/2008 16:18	CHK	84.0	mg/kg 21.0
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42

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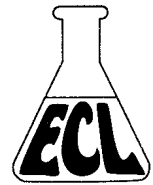
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-006 SAMPLE ID- SED-3
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 11:20 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 12 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	13.9 mg/kg	0.42
Zinc	EPA 6020	4/14/2008 16:18	CHK	7.67 mg/kg	2.10

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-785-9739

FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-007 SAMPLE ID- SW-4
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 12:15 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 13 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.016 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.056 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	58.5 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.004 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Iron	EPA 200.8	4/11/2008 13:44	CHK	0.093 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	40.6 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.050 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.5 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	290 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001

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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-007
LOCATION-
DATE SAMPLED- 4/9/2008
DATE RECEIVED- 4/9/2008
DELIVERED BY- J. Oliver

SAMPLE ID- SW-4
TIME SAMPLED- 12:15
TIME RECEIVED- 15:00
RECEIVED BY- VPS

SAMPLER- J. Oliver

Page 14 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.020 mg/L	0.005

ENVIRO-CHEM LABORATORIES, INC.



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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
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Columbia, MD 21045-

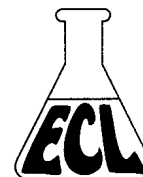
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-008 SAMPLE ID- SED-4
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:40 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 15 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	83.0	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.18	mg/kg 0.18
Aluminum	EPA 6020	4/14/2008 16:18	CHK	1530	mg/kg 4.12
Antimony	EPA 6020	4/14/2008 16:18	CHK	7.63	mg/kg 0.41
Arsenic	EPA 6020	4/14/2008 16:18	CHK	28.8	mg/kg 0.41
Barium	EPA 6020	4/14/2008 16:18	CHK	59.2	mg/kg 0.41
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.41	mg/kg 0.41
Cadmium	EPA 6020	4/14/2008 16:18	CHK	0.64	mg/kg 0.41
Calcium	EPA 6020	4/14/2008 16:18	CHK	3560	mg/kg 20.6
Chromium	EPA 6020	4/14/2008 16:18	CHK	22.2	mg/kg 0.41
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 1.71	mg/kg 1.71
Cobalt	EPA 6020	4/14/2008 16:18	CHK	5.68	mg/kg 0.41
Copper	EPA 6020	4/15/2008 17:25	CHK	1770	mg/kg 20.6
Iron	EPA 6020	4/15/2008 17:25	CHK	45500	mg/kg 103
Lead	EPA 6020	4/15/2008 17:25	CHK	666	mg/kg 4.12
Magnesium	EPA 6020	4/14/2008 16:18	CHK	1940	mg/kg 20.6
Manganese	EPA 6020	4/14/2008 16:18	CHK	107	mg/kg 0.41
Mercury in sediment	EPA 7471	4/14/2008 16:18	CHK	< 0.05	mg/kg 0.05
Nickel	EPA 6020	4/14/2008 16:18	CHK	4.57	mg/kg 0.41
Potassium	EPA 6020	4/14/2008 16:18	CHK	388	mg/kg 206
Selenium	EPA 6020	4/14/2008 16:18	CHK	0.77	mg/kg 0.41
Silver	EPA 6020	4/15/2008 13:07	CHK	6.30	mg/kg 0.82
Sodium	EPA 6020	4/14/2008 16:18	CHK	164	mg/kg 20.6
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.41	mg/kg 0.41

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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-008 SAMPLE ID- SED-4
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:40 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 16 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	11.7 mg/kg	0.41
Zinc	EPA 6020	4/15/2008 17:25	CHK	364 mg/kg	20.6

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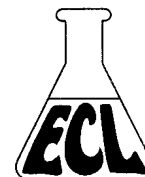
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-009 SAMPLE ID- SW-5
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 12:20 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 17 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.147 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.062 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	61.0 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.016 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.007 mg/L	0.001
Iron	EPA 200.8	4/11/2008 13:44	CHK	0.578 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	0.003 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	41.4 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.168 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.004 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	14.4 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	293 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.003 mg/L	0.001

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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-009 SAMPLE ID- SW-5
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 12:20 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 18 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.032 mg/L	0.005

ENVIRO-CHEM LABORATORIES, INC.



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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-010 SAMPLE ID- SED-5
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:55 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 19 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	73.5	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.18	mg/kg 0.18
Aluminum	EPA 6020	4/15/2008 17:25	CHK	9260	mg/kg 48.6
Antimony	EPA 6020	4/14/2008 16:18	CHK	0.85	mg/kg 0.49
Arsenic	EPA 6020	4/14/2008 16:18	CHK	10.6	mg/kg 0.49
Barium	EPA 6020	4/14/2008 16:18	CHK	101	mg/kg 0.49
Beryllium	EPA 6020	4/14/2008 16:18	CHK	0.52	mg/kg 0.49
Cadmium	EPA 6020	4/14/2008 16:18	CHK	0.54	mg/kg 0.49
Calcium	EPA 6020	4/15/2008 17:25	CHK	16700	mg/kg 243
Chromium	EPA 6020	4/15/2008 17:25	CHK	1370	mg/kg 24.3
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 2.39	mg/kg 2.39
Cobalt	EPA 6020	4/14/2008 16:18	CHK	17.1	mg/kg 0.49
Copper	EPA 6020	4/14/2008 16:18	CHK	61.8	mg/kg 0.49
Iron	EPA 6020	4/15/2008 17:25	CHK	25700	mg/kg 122
Lead	EPA 6020	4/14/2008 16:18	CHK	140	mg/kg 0.49
Magnesium	EPA 6020	4/14/2008 16:18	CHK	4900	mg/kg 24.3
Manganese	EPA 6020	4/14/2008 16:18	CHK	279	mg/kg 0.49
Mercury in sediment	EPA 7471	4/14/2008 16:19	CHK	0.15	mg/kg 0.06
Nickel	EPA 6020	4/14/2008 16:18	CHK	47.7	mg/kg 0.49
Potassium	EPA 6020	4/14/2008 16:18	CHK	1080	mg/kg 243
Selenium	EPA 6020	4/14/2008 16:18	CHK	0.77	mg/kg 0.49
Silver	EPA 6020	4/15/2008 13:07	CHK	< 0.97	mg/kg 0.97
Sodium	EPA 6020	4/14/2008 16:18	CHK	433	mg/kg 24.3
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.49	mg/kg 0.49

ENVIRO-CHEM LABORATORIES, INC.



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410-785-9739

FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

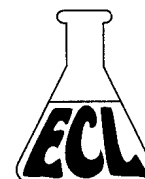
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-010 SAMPLE ID- SED-5
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:55 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 20 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	88.8 mg/kg	0.49
Zinc	EPA 6020	4/14/2008 16:18	CHK	216 mg/kg	2.43

ENVIRO-CHEM LABORATORIES, INC.



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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-011 SAMPLE ID- SW-6
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 12:45 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 21 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.032 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.056 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	58.8 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.005 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.003 mg/L	0.001
Iron	EPA 200.8	4/14/2008	CHK	0.117 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	40.9 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.049 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.6 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	293 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.001 mg/L	0.001

ENVIRO-CHEM LABORATORIES, INC.



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Suite 1
Columbia, MD 21045-

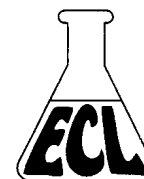
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-011 SAMPLE ID- SW-6
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 12:45 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 22 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.020 mg/L	0.005

ENVIRO-CHEM LABORATORIES, INC.



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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-012 SAMPLE ID- SED-6
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:05 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 23 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	78.7	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.21	mg/kg 0.21
Aluminum	EPA 6020	4/15/2008 17:25	CHK	11300	mg/kg 90.1
Antimony	EPA 6020	4/14/2008 16:18	CHK	0.58	mg/kg 0.45
Arsenic	EPA 6020	4/14/2008 16:18	CHK	7.77	mg/kg 0.45
Barium	EPA 6020	4/14/2008 16:18	CHK	46.9	mg/kg 0.45
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.45	mg/kg 0.45
Cadmium	EPA 6020	4/14/2008 16:18	CHK	0.47	mg/kg 0.45
Calcium	EPA 6020	4/15/2008 17:25	CHK	39200	mg/kg 451
Chromium	EPA 6020	4/15/2008 17:25	CHK	3490	mg/kg 45.1
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 2.02	mg/kg 2.02
Cobalt	EPA 6020	4/14/2008 16:18	CHK	31.2	mg/kg 0.45
Copper	EPA 6020	4/14/2008 16:18	CHK	18.6	mg/kg 0.45
Iron	EPA 6020	4/15/2008 17:25	CHK	39200	mg/kg 45.1
Lead	EPA 6020	4/14/2008 16:18	CHK	80.4	mg/kg 0.45
Magnesium	EPA 6020	4/14/2008 16:18	CHK	7010	mg/kg 22.5
Manganese	EPA 6020	4/15/2008 17:25	CHK	476	mg/kg 9.01
Mercury in sediment	EPA 7471	4/14/2008 16:20	CHK	0.08	mg/kg 0.05
Nickel	EPA 6020	4/14/2008 16:18	CHK	85.3	mg/kg 0.45
Potassium	EPA 6020	4/14/2008 16:18	CHK	634	mg/kg 225
Selenium	EPA 6020	4/14/2008 16:18	CHK	< 0.45	mg/kg 0.45
Silver	EPA 6020	4/15/2008 13:07	CHK	< 0.90	mg/kg 0.90
Sodium	EPA 6020	4/14/2008 16:18	CHK	536	mg/kg 22.5
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.45	mg/kg 0.45

ENVIRO-CHEM LABORATORIES, INC.



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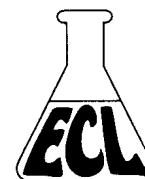
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-012 SAMPLE ID- SED-6
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- 13:05 SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 24 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	172 mg/kg	0.45
Zinc	EPA 6020	4/14/2008 16:18	CHK	164 mg/kg	2.25

ENVIRO-CHEM LABORATORIES, INC.



47 Loveton Circle, Suite K • Sparks, Maryland 21152

410-785-9739

FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-013 SAMPLE ID- SW-DUPE
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 25 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Cyanide, Total	EPA 335.4	4/15/2008 20:23	SES	< 0.02 mg/L	0.02
Aluminum	EPA 200.8	4/14/2008	CHK	0.069 mg/L	0.010
Antimony	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Arsenic	EPA 200.8	4/14/2008 10:29	CHK	< 0.001 mg/L	0.001
Barium	EPA 200.8	4/11/2008 13:44	CHK	0.056 mg/L	0.001
Beryllium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Cadmium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Calcium	EPA 200.8	4/11/2008 13:44	CHK	56.5 mg/L	1.000
Chromium	EPA 200.8	4/11/2008 13:44	CHK	0.005 mg/L	0.001
Chromium, Hexavalent	EPA 7196A	4/9/2008 21:30	SES	< 0.010 mg/L	0.010
Cobalt	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Copper	EPA 200.8	4/11/2008 13:44	CHK	0.003 mg/L	0.001
Iron	EPA 200.8	4/14/2008	CHK	0.280 mg/L	0.005
Lead	EPA 200.8	4/11/2008 13:44	CHK	0.003 mg/L	0.001
Magnesium	EPA 200.8	4/11/2008 13:44	CHK	40.0 mg/L	1.000
Manganese	EPA 200.8	4/11/2008 13:44	CHK	0.059 mg/L	0.001
Mercury	EPA 200.8	4/11/2008 13:44	CHK	< 0.000 mg/L	0.000
Nickel	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001
Potassium	EPA 200.8	4/11/2008 13:44	CHK	13.2 mg/L	0.100
Selenium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Silver	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Sodium	EPA 200.8	4/11/2008 13:44	CHK	286 mg/L	1.000
Thallium	EPA 200.8	4/11/2008 13:44	CHK	< 0.001 mg/L	0.001
Vanadium	EPA 200.8	4/11/2008 13:44	CHK	0.002 mg/L	0.001

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ENSAT Chesapeake
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Suite 1
Columbia, MD 21045-

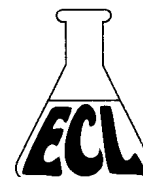
PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-013 SAMPLE ID- SW-DUPE
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 26 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Zinc	EPA 200.8	4/11/2008 13:44	CHK	0.019 mg/L	0.005

ENVIRO-CHEM LABORATORIES, INC.



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FINAL REPORT OF ANALYSES

ENSAT Chesapeake
5405 Twin Knolls Rd
Suite 1
Columbia, MD 21045-

PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-014 SAMPLE ID- SED-DUPE
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 27 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
% Solids	SM2540 G	4/11/2008	CHK	81.2	% 1.0
Cyanide, total	EPA 9010B	4/15/2008 20:52	SES	< 0.18	mg/kg 0.18
Aluminum	EPA 6020	4/14/2008 16:18	CHK	1610	mg/kg 4.22
Antimony	EPA 6020	4/14/2008 16:18	CHK	4.09	mg/kg 0.42
Arsenic	EPA 6020	4/14/2008 16:18	CHK	10.3	mg/kg 0.42
Barium	EPA 6020	4/14/2008 16:18	CHK	39.9	mg/kg 0.42
Beryllium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Cadmium	EPA 6020	4/14/2008 16:18	CHK	0.44	mg/kg 0.42
Calcium	EPA 6020	4/14/2008 16:18	CHK	5340	mg/kg 21.1
Chromium	EPA 6020	4/14/2008 16:18	CHK	30.5	mg/kg 0.42
Chromium, Hexavalent	EPA 7196A	4/10/2008 15:00	CHK	< 2.09	mg/kg 2.09
Cobalt	EPA 6020	4/14/2008 16:18	CHK	4.18	mg/kg 0.42
Copper	EPA 6020	4/14/2008 16:18	CHK	67.8	mg/kg 0.42
Iron	EPA 6020	4/15/2008 17:25	CHK	26600	mg/kg 42.2
Lead	EPA 6020	4/14/2008 16:18	CHK	171	mg/kg 0.42
Magnesium	EPA 6020	4/14/2008 16:18	CHK	2080	mg/kg 21.1
Manganese	EPA 6020	4/14/2008 16:18	CHK	109	mg/kg 0.42
Mercury in sediment	EPA 7471	4/14/2008 16:21	CHK	< 0.05	mg/kg 0.05
Nickel	EPA 6020	4/14/2008 16:18	CHK	5.78	mg/kg 0.42
Potassium	EPA 6020	4/14/2008 16:18	CHK	343	mg/kg 211
Selenium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42
Silver	EPA 6020	4/15/2008 13:07	CHK	< 0.84	mg/kg 0.84
Sodium	EPA 6020	4/14/2008 16:18	CHK	130	mg/kg 21.1
Thallium	EPA 6020	4/14/2008 16:18	CHK	< 0.42	mg/kg 0.42

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FINAL REPORT OF ANALYSES

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PROJECT NAME: CG080357
REPORT DATE: 16-Apr-08

LAB#- ECL015542-014 SAMPLE ID- SED-DUPE
LOCATION-
DATE SAMPLED- 4/9/2008 TIME SAMPLED- SAMPLER- J. Oliver
DATE RECEIVED- 4/9/2008 TIME RECEIVED- 15:00
DELIVERED BY- J. Oliver RECEIVED BY- VPS

Page 28 of 28

ANALYSIS	METHOD	ANALYSIS DATE/TIME	BY	RESULT	DETECTION LIMIT
Vanadium	EPA 6020	4/14/2008 16:18	CHK	14.8 mg/kg	0.42
Zinc	EPA 6020	4/14/2008 16:18	CHK	172 mg/kg	2.11


LABORATORY DIRECTOR

Sample Chain of Custody

Enviro-Chem Laboratories, Inc.

100 Lakefront Drive

Hunt Valley, Md 21030

Client: CHESAPEAKE GOSELEWES Phone No.: 410 740 1911

Project Manager: NANCY LOVE Fax No.: (410) 740-3299

Project Name: STANBURY PARK

Project Number: CG080357

P.O. Number: CG080357

ECL Log in Batch Number

Page 2 of 2

Lab No.	Sample Identification	Date	Time	Matrix	No. of Containers	Sample Type C = Comp. G = Grab	TL METALS Chromium 6	Remarks
15542-001	SW-1	4/9/08	1040	H ₂ O	3	G	X	
-002	SED-1		1045	SED	1	G	X	
-003	SW-2		1100	H ₂ O	3	G	X	
-004	SED-2		1105	SED	1	G	X	
-005	SW-3		1115	H ₂ O	3	G	X	
-006	SED-3		1120	SED.	1	G	X	
-007	SW-4		1215	H ₂ O	3	G	X	
-008	SED-4		1340	SED.	1	G	X	
-009	SW-5		1228	H ₂ O	3	G	X	
-010	SED-5		1355	SED.	1	G	X	

Collected / Relinquished By: JHOL Date: 4/9/08 Time: 1500 Received By: V Shully

Relinquished By: John Oliver Date: _____ Time: _____ Received By: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Relinquished By: _____ Date: _____ Time: _____ Received By: _____

Shipping Carrier: _____ Ticket: _____ Turnaround Required: _____

Preservative Key:
 NA = Nitric Acid, pH <2
 SA = Sulfuric Acid, pH <2
 OH = NaOH, pH >12
 TI = Thiosulfate
 Zn = Zinc Acetate
 N = None, Chilled
 X = Other

Special instructions, Comments:
WOULD LIKE RESULTS BY 04.14.08. THANKS.

Phone (410) 785-9739

www.enviro-chem.net

Fax: (410) 785-9410

Sample Chain of Custody

Enviro-Chem Laboratories, Inc.

100 Lakefront Drive

Hunt Valley, Md 21030

Page 2 of 2

Client: CHESAPEAKE GEOSCIENCES Phone No.: (410) 740-1911
 Project Manager: NANCY LANE Fax No.: (410) 740-3299
 Project Name: STANBURY PARK
 Project Number: CG080357
 P.O. Number: CG080357

ECL Log in Batch Number

Lab No.	Sample Identification	Date	Time	Matrix	No of Containers	Sample Type C = Comp. G = Grab	TL METALS CHROMIUM 6	Remarks	Shipping Carrier	Ticket	Turnaround Required	Special Instructions, Comments
15542-011	SW-6	4/9/08	1245	H2O	3	G	X					
-012	SED-L		1305	SED.	1	G	X					
-013	SW-DUPE		-	H2O	3	G	X					
-014	SED. DUPE	↓	-	SED.	1	G	X					
Collected / Relinquished By:										Received By: <u>RSW</u>		Preservative Key: NA = Nitric Acid, pH <2 SA = Sulfuric Acid, pH <2 OH = NaOH, pH >12 TI = Thiosulfate Zn = Zinc Acetate N = None, Chilled X = Other
Relinquished By:										Date: <u>4/9/08</u> Time: <u>1500</u>		
Relinquished By:										Date: _____ Time: _____		
Relinquished By:										Date: _____ Time: _____		

Phone (410) 785-9739

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