

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
FO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 23-NOV-2011 17:13
Report Date: 12/01/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-4
Client ID: MW-C
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: WAS
Analysis Method: SW846 8270C
Lab Prep Batch: WGL00443
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Phenol	U	9	1.0	10	9
Bis(2-Chloroethyl)ether	U	9	1.0	10	9
2-Chlorophenol	U	9	1.0	10	9
1,3-Dichlorobenzene	U	9	1.0	10	9
1,4-Dichlorobenzene	U	9	1.0	10	9
1,2-Dichlorobenzene	U	9	1.0	10	9
2-Methylphenol	U	9	1.0	10	9
2,2'-Oxybis(1-chloropropane)	U	9	1.0	10	9
N-Nitroso-di-n-propylamine	U	9	1.0	10	9
3&4-Methylphenol	U	9	1.0	10	9
Hexachloroethane	U	9	1.0	10	9
Nitrobenzene	U	9	1.0	10	9
Isophorone	U	9	1.0	10	9
2-Nitrophenol	U	9	1.0	10	9
2,4-Dimethylphenol	U	9	1.0	10	9
Bis(2-Chloroethoxy)methane	U	9	1.0	10	9
2,4-Dichlorophenol	U	9	1.0	10	9
1,2,4-Trichlorobenzene	U	9	1.0	10	9
Naphthalene	U	9	1.0	10	9
4-Chloroaniline	U	9	1.0	10	9
Hexachlorobutadiene	U	9	1.0	10	9
4-Chloro-3-Methylphenol	U	9	1.0	10	9
2-Methylnaphthalene	U	9	1.0	10	9
Hexachlorocyclopentadiene	U	9	1.0	10	9
2,4,6-Trichlorophenol	U	9	1.0	10	9
2,4,5-Trichlorophenol	U	24	1.0	25	24
2-Chloronaphthalene	U	9	1.0	10	9
2-Nitroaniline	U	24	1.0	25	24
Dimethyl Phthalate	U	9	1.0	10	9
2,6-Dinitrotoluene	U	9	1.0	10	9
Acenaphthylene	U	9	1.0	10	9
3-Nitroaniline	U	24	1.0	25	24
Acenaphthene	U	9	1.0	10	9
2,4-Dinitrophenol	U	24	1.0	25	24
Dibenzofuran	U	9	1.0	10	9
4-Nitrophenol	U	24	1.0	25	24
2,4-Dinitrotoluene	U	9	1.0	10	9
Diethylphthalate	U	9	1.0	10	9
Fluorene	U	9	1.0	10	9
4-Chlorophenyl-phenylether	U	9	1.0	10	9
4-Nitroaniline	U	24	1.0	25	24
4,6-Dinitro-2-Methylphenol	U	24	1.0	25	24
N-Nitrosodiphenylamine	U	9	1.0	10	9

KATAHDIN ANALYTICAL SERVICES
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 Analysis Date: 23-NOV-2011 17:13
 Report Date: 12/01/2011
 Matrix: WATER
 % Solids: NA

Lab ID: SE7341-4
 Client ID: MW-C
 SDG: SE7341
 Extracted by: EC
 Extraction Method: SW846 3510
 Analyst: WAS
 Analysis Method: SW846 8270C
 Lab Prep Batch: WQ100443
 Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Bromophenyl-phenylether	U	9	1.0	10	9
Hexachlorobenzene	U	9	1.0	10	9
Pentachlorophenol	U	24	1.0	25	24
Phenanthrene	U	9	1.0	10	9
Anthracene	U	9	1.0	10	9
Carbazole	U	9	1.0	10	9
Di-n-butylphthalate	U	9	1.0	10	9
Fluoranthene	U	9	1.0	10	9
Pyrene	U	9	1.0	10	9
Butylbenzylphthalate	U	9	1.0	10	9
Benzo(a)anthracene	U	9	1.0	10	9
3,3'-Dichlorobenzidine	U	9	1.0	10	9
Chrysene	U	9	1.0	10	9
bis(2-Ethylhexyl)phthalate	U	9	1.0	10	9
Di-n-octylphthalate	U	9	1.0	10	9
Benzo(b)fluoranthene	U	9	1.0	10	9
Benzo(k)fluoranthene	U	9	1.0	10	9
Benzo(a)pyrene	U	9	1.0	10	9
Indeno(1,2,3-cd)pyrene	U	9	1.0	10	9
Dibenzo(a,h)anthracene	U	9	1.0	10	9
Benzo(g,h,i)perylene	U	9	1.0	10	9
2-Fluorophenol		* 8%			
Phenol-D6		* 5%			
Nitrobenzene-D5		* 36%			
2-Fluorobiphenyl		44%			
2,4,6-Tribromophenol		* 30%			
Terphenyl-D14		* 26%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 14-NOV-2011 14:56
Report Date: 12/01/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-4
Client ID: MW-C
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: CB
Analysis Method: SW846 8082
Lab Prep Batch: WGI00447
Units: ug/L

Compound	Flags	Results	DF	FQL	Adj.FQL
Aroclor-1016	U	0.47	1.0	0.50	0.47
Aroclor-1221	U	0.47	1.0	0.50	0.47
Aroclor-1232	U	0.47	1.0	0.50	0.47
Aroclor-1242	U	0.47	1.0	0.50	0.47
Aroclor-1248	U	0.47	1.0	0.50	0.47
Aroclor-1254	U	0.47	1.0	0.50	0.47
Aroclor-1260	U	0.47	1.0	0.50	0.47
Tetrachloro-m-xylene		67%			
Decachlorobiphenyl		* 35%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 09-NOV-2011 01:57
Report Date: 11/15/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-4
Client ID: MW-C
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: AC
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG100439
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		300	1.0	50	47
O-Terphenyl		68%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date:
Analysis Date: 08-NOV-2011 18:20
Report Date: 11/16/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-4
Client ID: MW-C
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030B
Analyst: EKC
Analysis Method: MEDEP 4.2.17
Lab Prep Batch: WG100677
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Gasoline Range Organics	U	10	1.0	10	10
4-Bromofluorobenzene		112%			

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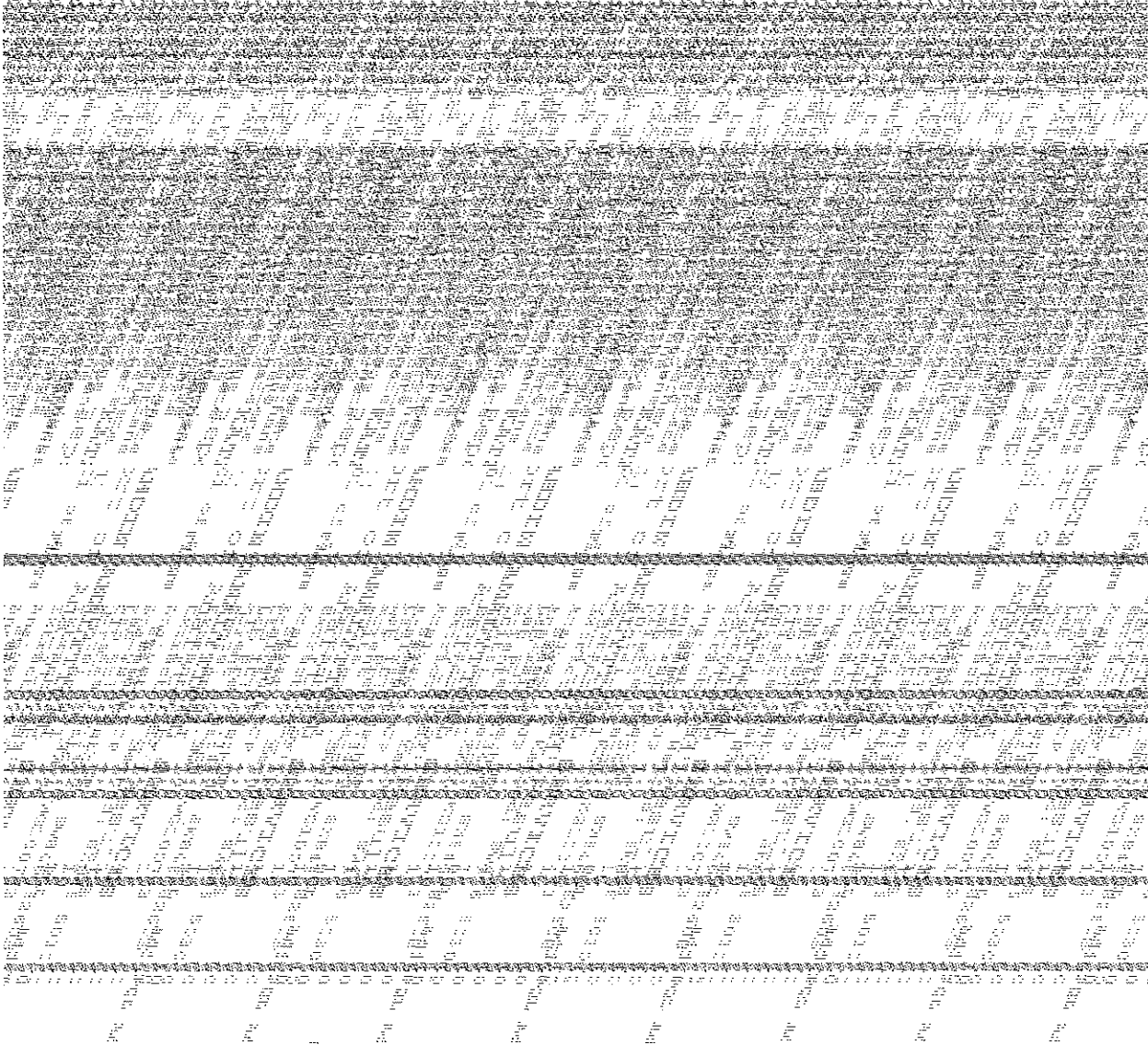
REPORT OF ANALYTICAL RESULTS

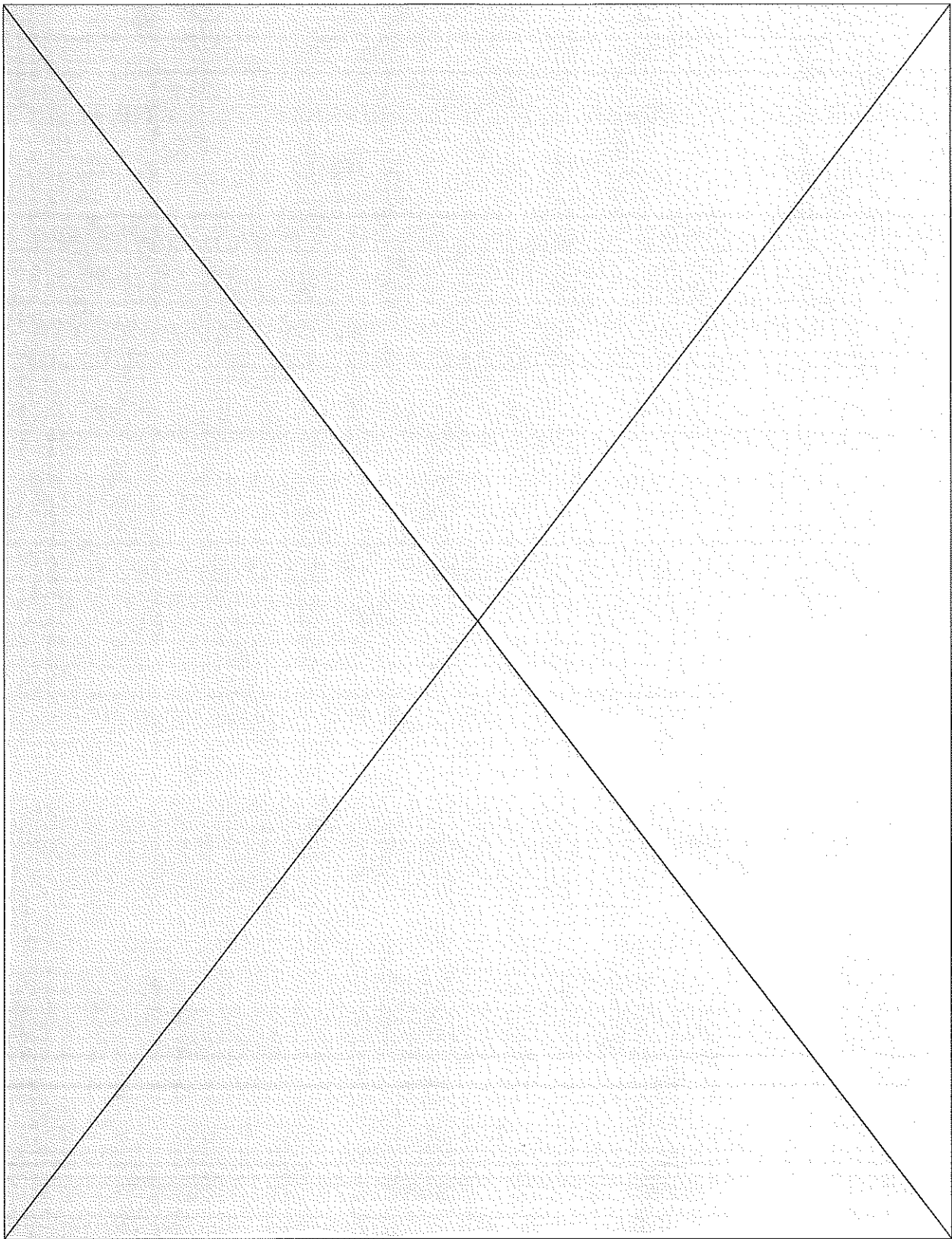
Client: Malt Reynolds
 Drumlin Environmental, LLC
 75 York St.
 PO Box 392
 Portland, ME 04112-0342

Lab Sample ID: SE7341-004
Report Date: 12/13/2011
PO No.: 11-020
Project: EP#1120

Sample Description	Matrix	Filtered	Date Sampled	Date Received
MW-C	AQ	No(Total)	11/02/2011	11/03/2011

Parameter	Result	Units	Adjusted PQL	Dilution Factor	PQL	Analytical Method	Analysis Date	By	Prep Method	Prepped Date	By	QC	Notes
ANTIMONY	0.036	mg/L	0.008	1	0.008	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
ARSENIC	0.014	mg/L	0.008	1	0.008	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
BARIUM	0.0675	mg/L	0.0050	1	0.005	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
CADMIUM	U 0.000049	mg/L	0.0100	1	0.01	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
CHROMIUM	J 0.0012	mg/L	0.0150	1	0.015	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
COPPER	J 0.0056	mg/L	0.0250	1	0.025	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
LEAD	J 0.003	mg/L	0.005	1	0.005	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
MERCURY	J 0.02	ug/L	0.20	1	0.2	SW846 7470	11/8/11	NAT	SW846 7470	11/7/11	NAT	BK07HGW3	
NICKEL	J 0.0259	mg/L	0.0400	1	0.04	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
SELENIUM	U 0.0024	mg/L	0.010	1	0.01	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
SILVER	U 0.00026	mg/L	0.0150	1	0.015	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	
ZINC	J 0.0214	mg/L	0.0250	1	0.025	SW846 6010	11/10/11	EAM	SW846 3010	11/10/11	NAT	BK10ICW2	





KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment	Lab ID: SE7341-5
Project: EP#1120	Client ID: MW-A
PO No:	SDG: SE7341
Sample Date: 11/02/11	Extracted by: EC
Received Date: 11/03/11	Extraction Method: SW846 3510
Extraction Date: 11/04/11	Analyst: JCG
Analysis Date: 26-NOV-2011 11:15	Analysis Method: SW846 8270C
Report Date: 12/01/2011	Lab Prep Batch: WG100443
Matrix: WATER	Units: ug/L
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
Phenol	U	9	1.0	10	9
Bis(2-Chloroethyl) ether	U	9	1.0	10	9
2-Chlorophenol	U	9	1.0	10	9
1,3-Dichlorobenzene	U	9	1.0	10	9
1,4-Dichlorobenzene	U	9	1.0	10	9
1,2-Dichlorobenzene	U	9	1.0	10	9
2-Methylphenol	U	9	1.0	10	9
2,2'-Oxybis(1-chloropropane)	U	9	1.0	10	9
N-Nitroso-di-n-propylamine	U	9	1.0	10	9
3&4-Methylphenol	U	9	1.0	10	9
Hexachloroethane	U	9	1.0	10	9
Nitrobenzene	U	9	1.0	10	9
Isophorone	U	9	1.0	10	9
2-Nitrophenol	U	9	1.0	10	9
2,4-Dimethylphenol	U	9	1.0	10	9
Bis(2-Chloroethoxy)methane	U	9	1.0	10	9
2,4-Dichlorophenol	U	9	1.0	10	9
1,2,4-Trichlorobenzene	U	9	1.0	10	9
Naphthalene	U	9	1.0	10	9
4-Chloroaniline	U	9	1.0	10	9
Hexachlorobutadiene	U	9	1.0	10	9
4-Chloro-3-Methylphenol	U	9	1.0	10	9
2-Methylnaphthalene	U	9	1.0	10	9
Hexachlorocyclopentadiene	U	9	1.0	10	9
2,4,6-Trichlorophenol	U	9	1.0	10	9
2,4,5-Trichlorophenol	U	24	1.0	25	24
2-Chloronaphthalene	U	9	1.0	10	9
2-Nitroaniline	U	24	1.0	25	24
Dimethyl Phthalate	U	9	1.0	10	9
2,6-Dinitrotoluene	U	9	1.0	10	9
Acenaphthylene	U	9	1.0	10	9
3-Nitroaniline	U	24	1.0	25	24
Acenaphthene	U	9	1.0	10	9
2,4-Dinitrophenol	U	24	1.0	25	24
Dibenzofuran	U	9	1.0	10	9
4-Nitrophenol	U	24	1.0	25	24
2,4-Dinitrotoluene	U	9	1.0	10	9
Diethylphthalate	U	9	1.0	10	9
Fluorene	U	9	1.0	10	9
4-Chlorophenyl-phenylether	U	9	1.0	10	9
4-Nitroaniline	U	24	1.0	25	24
4,6-Dinitro-2-Methylphenol	U	24	1.0	25	24
N-Nitrosodiphenylamine	U	9	1.0	10	9

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
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 PO No:
 Sample Date: 11/02/11
 Received Date: 11/03/11
 Extraction Date: 11/04/11
 Analysis Date: 26-NOV-2011 11:15
 Report Date: 12/01/2011
 Matrix: WATER
 % Solids: NA

Lab ID: SE7341-5
 Client ID: MW-A
 SDG: SE7341
 Extracted by: EC
 Extraction Method: SW846 3510
 Analyst: JCG
 Analysis Method: SW846 8270C
 Lab Prep Batch: WG100443
 Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Bromophenyl-phenylether	U	9	1.0	10	9
Hexachlorobenzene	U	9	1.0	10	9
Pentachlorophenol	U	24	1.0	25	24
Phenanthrene	U	9	1.0	10	9
Anthracene	U	9	1.0	10	9
Carbazole	U	9	1.0	10	9
Di-n-butylphthalate	U	9	1.0	10	9
Fluoranthene	U	9	1.0	10	9
Pyrene	U	9	1.0	10	9
Butylbenzylphthalate	U	9	1.0	10	9
Benzo(a)anthracene	U	9	1.0	10	9
3,3'-Dichlorobenzidine	U	9	1.0	10	9
Chrysene	U	9	1.0	10	9
bis(2-Ethylhexyl)phthalate	U	9	1.0	10	9
Di-n-octylphthalate	U	9	1.0	10	9
Benzo(b)fluoranthene	U	9	1.0	10	9
Benzo(k)fluoranthene	U	9	1.0	10	9
Benzo(a)pyrene	U	9	1.0	10	9
Indeno(1,2,3-cd)pyrene	U	9	1.0	10	9
Dibenzo(a,h)anthracene	U	9	1.0	10	9
Benzo(g,h,i)perylene	U	9	1.0	10	9
2-Fluorophenol		* 6%			
Phenol-D6		* 6%			
Nitrobenzene-D5		* 32%			
2-Fluorobiphenyl		* 39%			
2,4,6-Tribromophenol		* 24%			
Terphenyl-D14		* 20%			

KATAHDIN ANALYTICAL SERVICES
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Client: Drumlin Environment
 Project: EP#1120
 PO No:
 Sample Date: 11/02/11
 Received Date: 11/03/11
 Extraction Date: 11/04/11
 Analysis Date: 14-NOV-2011 17:32
 Report Date: 12/01/2011
 Matrix: WATER
 % Solids: NA

Lab ID: SE7341-5
 Client ID: MW-A
 SDG: SE7341
 Extracted by: EC
 Extraction Method: SW846 3510
 Analyst: CB
 Analysis Method: SW846 8082
 Lab Prep Batch: WG100447
 Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	0.47	1.0	0.50	0.47
Aroclor-1221	U	0.47	1.0	0.50	0.47
Aroclor-1232	U	0.47	1.0	0.50	0.47
Aroclor-1242	U	0.47	1.0	0.50	0.47
Aroclor-1248	U	0.47	1.0	0.50	0.47
Aroclor-1254	U	0.47	1.0	0.50	0.47
Aroclor-1260	U	0.47	1.0	0.50	0.47
Tetrachloro-m-xylene		52%			
Decachlorobiphenyl		* 24%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 09-NOV-2011 02:34
Report Date: 11/15/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-5
Client ID: MW-A
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: AC
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG100439
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		200	1.0	50	47
O-Terphenyl		56%			

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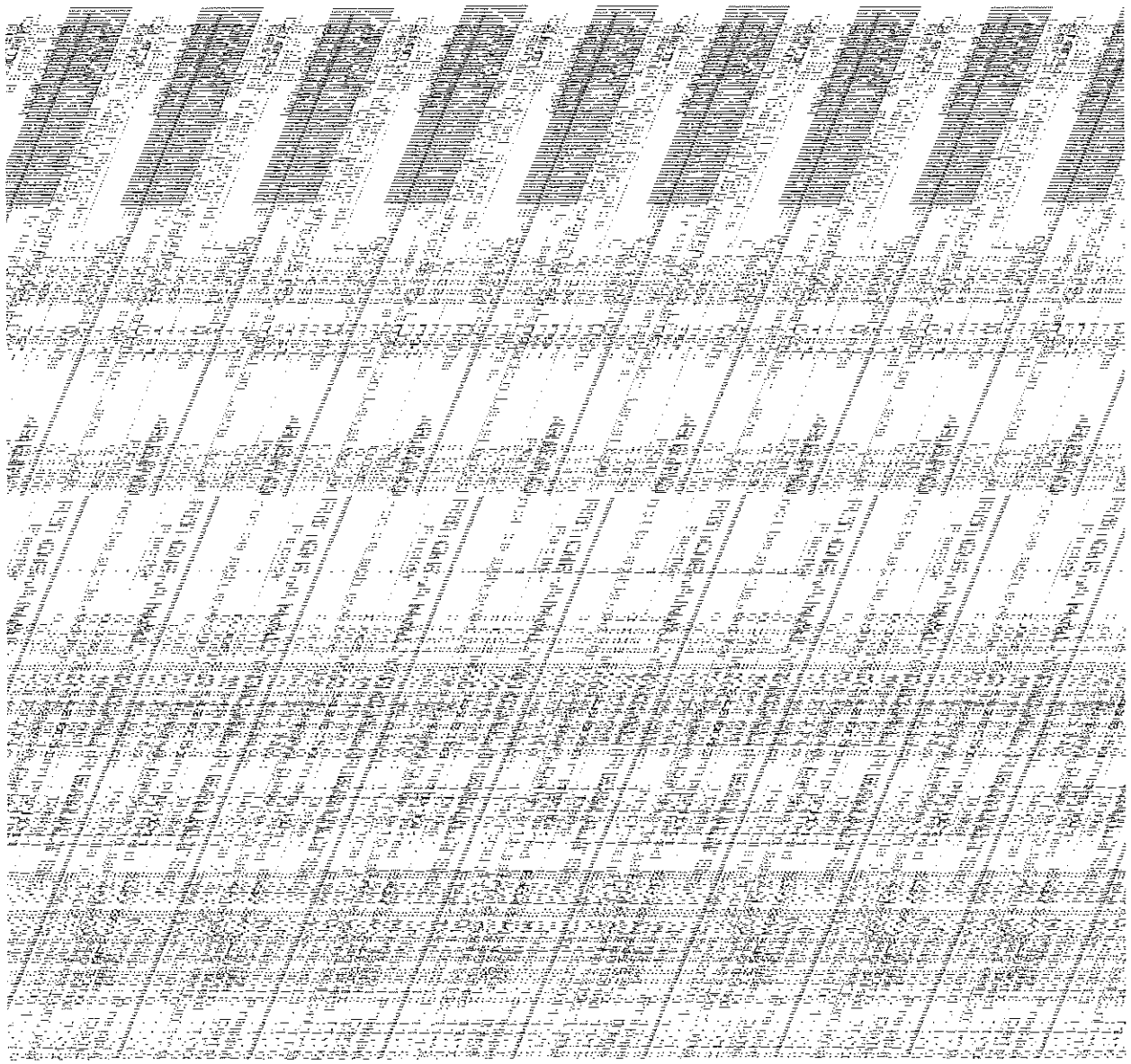
KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

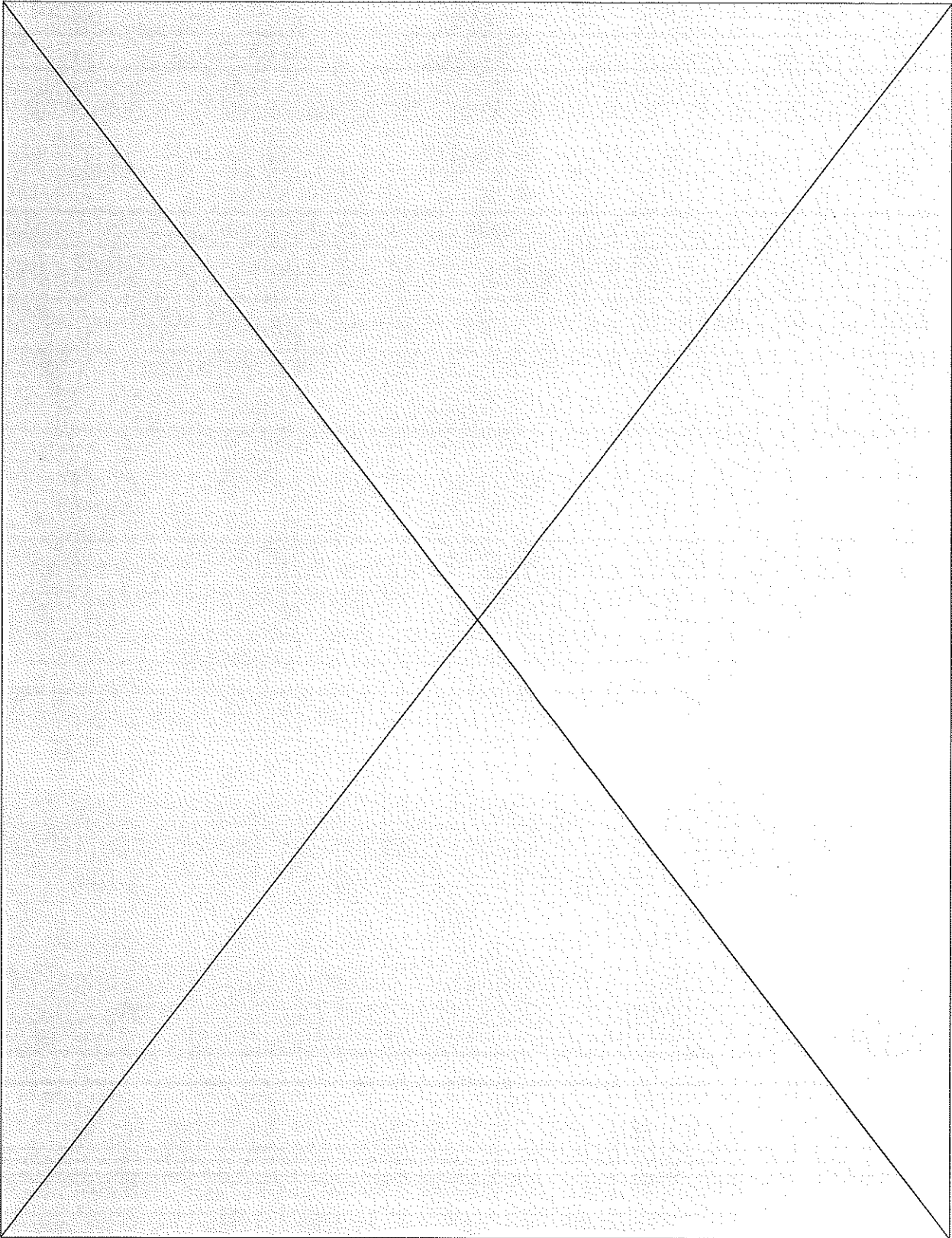
Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date:
Analysis Date: 08-NOV-2011 19:15
Report Date: 11/16/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-5
Client ID: MW-A
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030B
Analyst: EKC
Analysis Method: MEDEP 4.2.17
Lab Prep Batch: WG100677
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Gasoline Range Organics	U	10	1.0	10	10
4-Bromofluorobenzene		108%			

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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 26-NOV-2011 11:58
Report Date: 12/01/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-6
Client ID: MW-3
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: W6100443
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Phenol	U	9	1.0	10	9
Bis(2-Chloroethyl)ether	U	9	1.0	10	9
2-Chlorophenol	U	9	1.0	10	9
1,3-Dichlorobenzene	U	9	1.0	10	9
1,4-Dichlorobenzene	U	9	1.0	10	9
1,2-Dichlorobenzene	U	9	1.0	10	9
2-Methylphenol	U	9	1.0	10	9
2,2'-Oxybis(1-chloropropane)	U	9	1.0	10	9
N-Nitroso-di-n-propylamine	U	9	1.0	10	9
3&4-Methylphenol	U	9	1.0	10	9
Hexachloroethane	U	9	1.0	10	9
Nitrobenzene	U	9	1.0	10	9
Isophorone	U	9	1.0	10	9
2-Nitrophenol	U	9	1.0	10	9
2,4-Dimethylphenol	U	9	1.0	10	9
Bis(2-Chloroethoxy)methane	U	9	1.0	10	9
2,4-Dichlorophenol	U	9	1.0	10	9
1,2,4-Trichlorobenzene	U	9	1.0	10	9
Naphthalene	U	9	1.0	10	9
4-Chloroaniline	U	9	1.0	10	9
Hexachlorobutadiene	U	9	1.0	10	9
4-Chloro-3-Methylphenol	U	9	1.0	10	9
2-Methylnaphthalene	U	9	1.0	10	9
Hexachlorocyclopentadiene	U	9	1.0	10	9
2,4,6-Trichlorophenol	U	9	1.0	10	9
2,4,5-Trichlorophenol	U	24	1.0	25	24
2-Chloronaphthalene	U	9	1.0	10	9
2-Nitroaniline	U	24	1.0	25	24
Dimethyl Phthalate	U	9	1.0	10	9
2,6-Dinitrotoluene	U	9	1.0	10	9
Acenaphthylene	U	9	1.0	10	9
3-Nitroaniline	U	24	1.0	25	24
Acenaphthene	U	9	1.0	10	9
2,4-Dinitrophenol	U	24	1.0	25	24
Dibenzofuran	U	9	1.0	10	9
4-Nitrophenol	U	24	1.0	25	24
2,4-Dinitrotoluene	U	9	1.0	10	9
Diethylphthalate	U	9	1.0	10	9
Fluorene	U	9	1.0	10	9
4-Chlorophenyl-phenylether	U	9	1.0	10	9
4-Nitroaniline	U	24	1.0	25	24
4,6-Dinitro-2-Methylphenol	U	24	1.0	25	24
N-Nitrosodiphenylamine	U	9	1.0	10	9

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
 Project: EP#1120
 PO No:
 Sample Date: 11/02/11
 Received Date: 11/03/11
 Extraction Date: 11/04/11
 Analysis Date: 26-NOV-2011 11:58
 Report Date: 12/01/2011
 Matrix: WATER
 % Solids: NA

Lab ID: SE7341-6
 Client ID: MW-3
 SDG: SE7341
 Extracted by: EC
 Extraction Method: SW846 3510
 Analyst: JCG
 Analysis Method: SW846 8270C
 Lab Prep Batch: WG100443
 Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Bromophenyl-phenylether	U	9	1.0	10	9
Hexachlorobenzene	U	9	1.0	10	9
Pentachlorophenol	U	24	1.0	25	24
Phenanthrene	U	9	1.0	10	9
Anthracene	U	9	1.0	10	9
Carbazole	U	9	1.0	10	9
Di-n-butylphthalate	U	9	1.0	10	9
Fluoranthene	U	9	1.0	10	9
Pyrene	U	9	1.0	10	9
Butylbenzylphthalate	U	9	1.0	10	9
Benzo(a)anthracene	U	9	1.0	10	9
3,3'-Dichlorobenzidine	U	9	1.0	10	9
Chrysene	U	9	1.0	10	9
bis(2-Ethylhexyl)phthalate	U	9	1.0	10	9
Di-n-octylphthalate	U	9	1.0	10	9
Benzo(b)fluoranthene	U	9	1.0	10	9
Benzo(k)fluoranthene	U	9	1.0	10	9
Benzo(a)pyrene	U	9	1.0	10	9
Indeno(1,2,3-cd)pyrene	U	9	1.0	10	9
Dibenzo(a,h)anthracene	U	9	1.0	10	9
Benzo(g,h,i)perylene	U	9	1.0	10	9
2-Fluorophenol		13%			
Phenol-D6		* 7%			
Nitrobenzene-D5		* 22%			
2-Fluorobiphenyl		* 25%			
2,4,6-Tribromophenol		40%			
Terphenyl-D14		37%			

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 14-NOV-2011 17:57
Report Date: 12/01/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-6
Client ID: MW-3
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: CB
Analysis Method: SW846 8082
Lab Prep Batch: W3100447
Units: ug/L

Compound	Flags	Results	DF	FQL	Adj.FQL
Aroclor-1016	U	0.47	1.0	0.50	0.47
Aroclor-1221	U	0.47	1.0	0.50	0.47
Aroclor-1232	U	0.47	1.0	0.50	0.47
Aroclor-1242	U	0.47	1.0	0.50	0.47
Aroclor-1248	U	0.47	1.0	0.50	0.47
Aroclor-1254	U	0.47	1.0	0.50	0.47
Aroclor-1260	U	0.47	1.0	0.50	0.47
Tetrachloro-m-xylene		71%			
Decachlorobiphenyl		* 27%			

Page 01 of 01 7ER544.D

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date: 11/04/11
Analysis Date: 09-NOV-2011 03:12
Report Date: 11/15/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-6
Client ID: MW-3
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: AC
Analysis Method: MEDEP 4.1.25
Lab Prep Batch: WG100439
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics		200	1.0	50	47
O-Terphenyl		64%			

Page 01 of 01 AEK2059.d

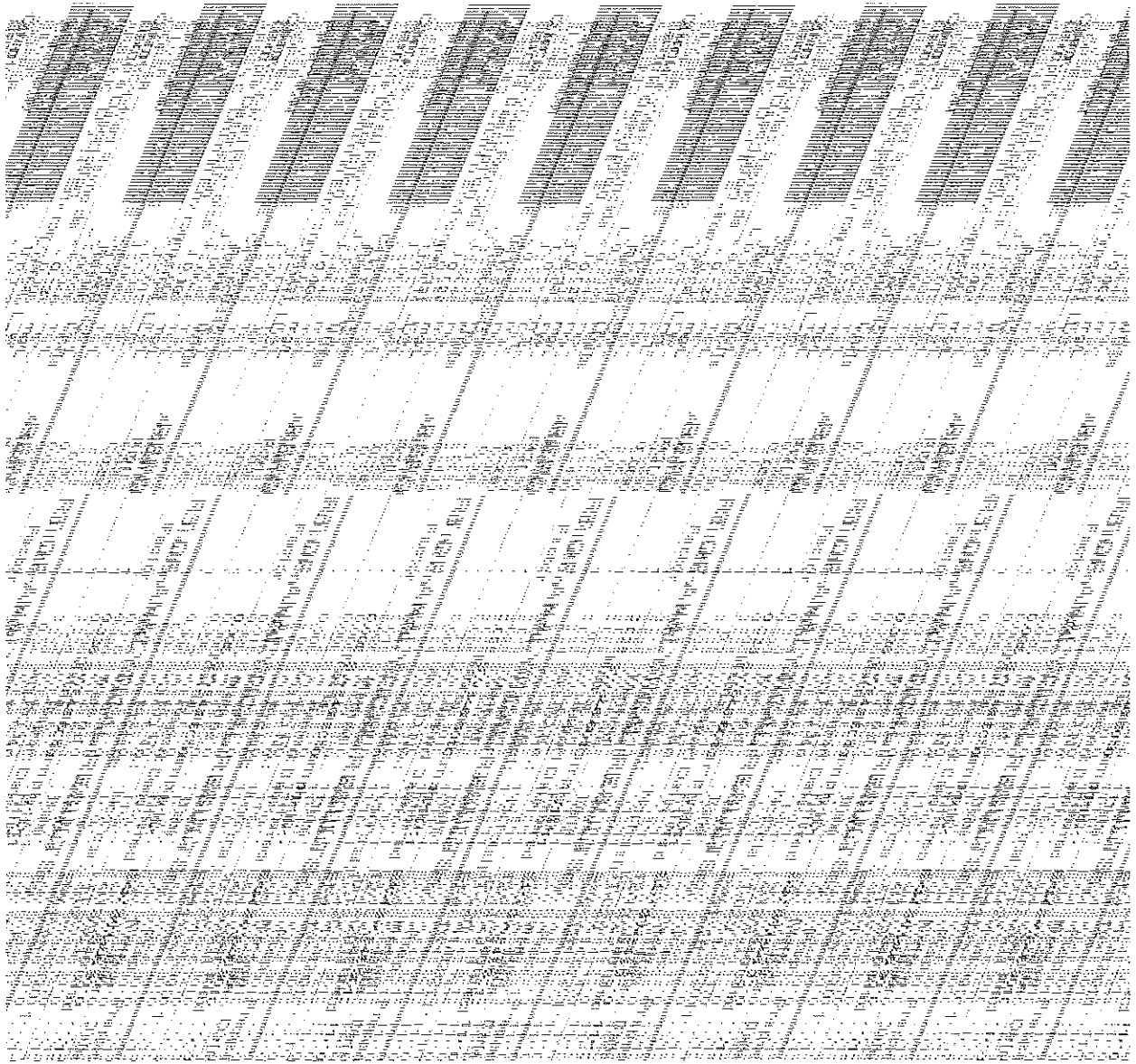
KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

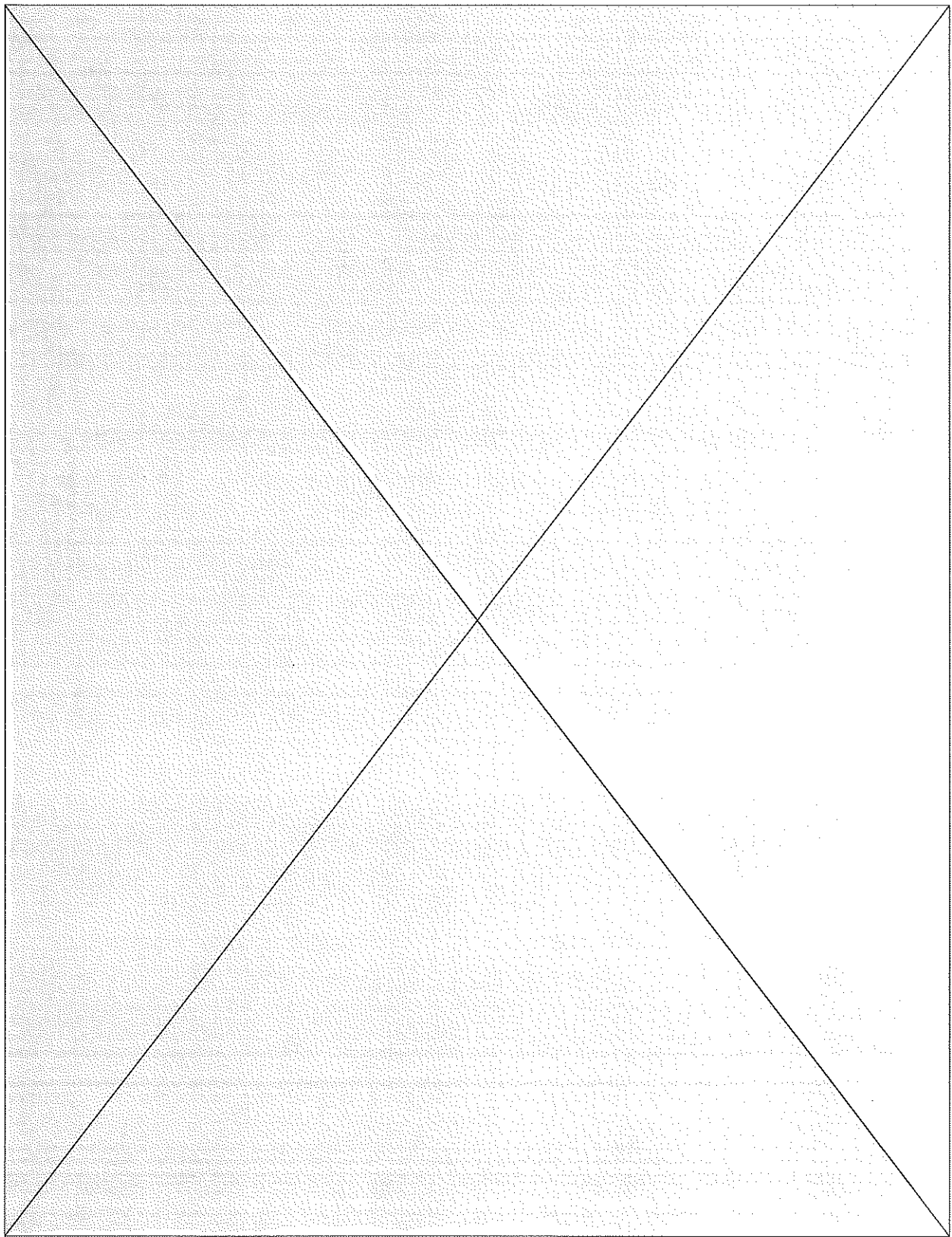
Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date:
Analysis Date: 08-NOV-2011 20:10
Report Date: 11/16/2011
Matrix: WATER
% Solids: NA

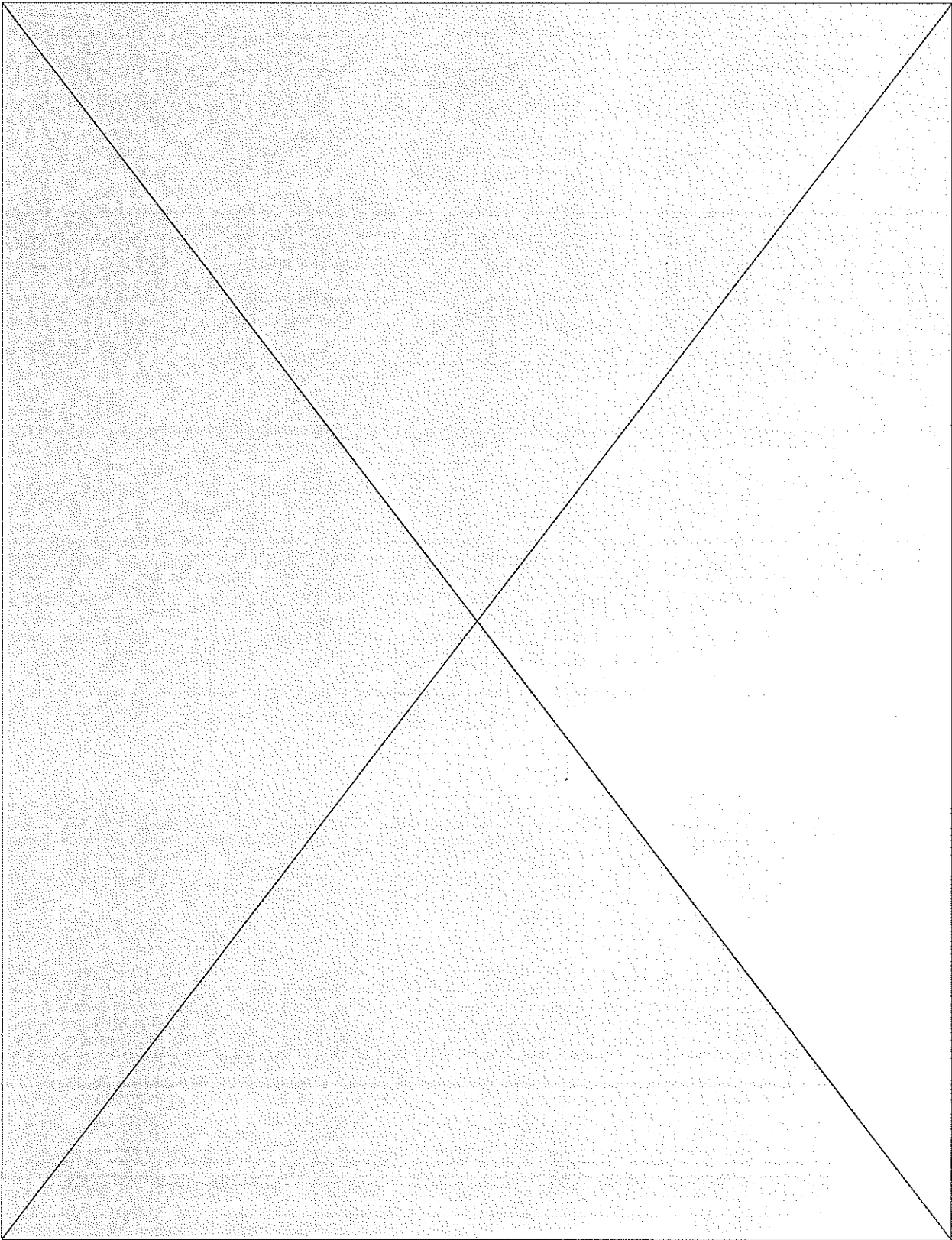
Lab ID: SE7341-6
Client ID: MW-3
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030B
Analyst: EKC
Analysis Method: MEDEP 4.2.17
Lab Prep Batch: WG100677
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Gasoline Range Organics	U	10	1.0	10	10
4-Bromofluorobenzene		*125%			

Page 01 of 01 2EK10081.D







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KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Drumlin Environment
Project: EP#1120
PO No:
Sample Date: 11/02/11
Received Date: 11/03/11
Extraction Date:
Analysis Date: 08-NOV-2011 21:05
Report Date: 11/16/2011
Matrix: WATER
% Solids: NA

Lab ID: SE7341-7
Client ID: TRIP BLANK
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030B
Analyst: EKC
Analysis Method: MEDEP 4.2.17
Lab Prep Batch: WGL00677
Units: ug/L

Compound	Flags	Results	DF	PQL	Adj.PQL
Gasoline Range Organics	U	10	1.0	10	10
4-Bromofluorobenzene		111%			

Page 01 of 01 2EK10082.D

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG100773-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code:

Project: EP#1120 SDG No.: SE7341

Lab File ID: S5967 Lab Sample ID: WG100773-2

Date Analyzed: 11/09/11 Time Analyzed: 1706

GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: GCMS-S

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG100773-LCS	WG100773-1	S5964	11/09/11	1512
02	TRIP BLANK	SE7341-7	S5969	11/09/11	1815
03	MW-7	SE7341-1	S5975	11/09/11	2143
04	MW-5	SE7341-2	S5976	11/09/11	2218
05	MW-B	SE7341-3	S5977	11/09/11	2252
06	MW-C	SE7341-4	S5978	11/09/11	2327
07	MW-A	SE7341-5	S5979	11/10/11	0002
08	MW-3	SE7341-6	S5980	11/10/11	0036
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COMMENTS:

**KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE**

Client:
Project: EF#1120
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/09/11
Report Date: 11/16/2011
Matrix: WATER

Lab ID: WGL00773-1
Client ID: WGL00773-LCS
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030
Analyst: DJF
Analysis Method: SW846 8260B
Lab Prep Batch: WGL00773
Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dichlorodifluoromethane	50	NA	58	116	29-164
Chloromethane	50	NA	43	87	59-123
Vinyl chloride	50	NA	51	103	64-131
Bromomethane	50	NA	55	111	57-135
Chloroethane	50	NA	55	109	53-157
Trichlorofluoromethane	50	NA	70	140	70-149
Diethyl Ether	50	NA	52	104	78-124
Tertiary-butyl alcohol	250	NA	170	68	11-151
1,1-Dichloroethane	50	NA	59	117	88-127
Carbon Disulfide	50	NA	42	85	71-129
Freon-113	50	NA	65	* 129	73-126
Iodomethane	50	NA	34	69	54-155
Acrolein	250	NA	194	78	62-135
Methylene Chloride	50	NA	50	100	72-129
Acetone	50	NA	57	113	62-172
Isobutyl Alcohol	1000	NA	616	62	16-147
trans-1,2-Dichloroethene	50	NA	49	98	78-125
Allyl Chloride	50	NA	53	107	78-121
Methyl tert-butyl ether	100	NA	99	99	81-125
Acetonitrile	500	NA	419	84	61-125
Di-isopropyl ether	50	NA	45	90	81-123
Chloroprene	50	NA	51	103	75-128
Methacrylonitrile	500	NA	449	90	78-123
Propionitrile	500	NA	414	83	75-118
1,1-Dichloroethane	50	NA	48	95	76-130
Acrylonitrile	250	NA	218	87	76-120
Ethyl tertiary-butyl ether	50	NA	47	95	85-119
Vinyl Acetate	50	NA	44	88	56-129
cis-1,2-Dichloroethene	50	NA	46	93	85-123
1,2-Dichloroethylene (total)	100	NA	96	96	84-121
Methyl Methacrylate	50	NA	54	109	79-121
2,2-Dichloropropane	50	NA	45	90	70-132
Bromochloromethane	50	NA	50	100	85-117
Chloroform	50	NA	51	102	78-128
Carbon Tetrachloride	50	NA	67	* 133	87-126
Tetrahydrofuran	50	NA	35	* 70	74-123
1,1,1-Trichloroethane	50	NA	63	126	77-129
1,1-Dichloropropene	50	NA	58	115	87-118
2-Butanone	50	NA	42	84	71-132
Benzene	50	NA	49	99	86-116
Cyclohexane	50	NA	46	93	71-133
Ethyl Methacrylate	50	NA	51	101	80-125
Tertiary-amyl methyl ether	50	NA	46	92	80-121
1,2-Dichloroethane	50	NA	60	119	81-125
Trichloroethene	50	NA	53	106	79-121

page 1 of 3

FORM III VOA-1

55964.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
 Project: EP#1120
 PO No:
 Sample Date:
 Received Date:
 Extraction Date:
 Analysis Date: 11/09/11
 Report Date: 11/16/2011
 Matrix: WATER

Lab ID: WGL00773-1
 Client ID: WGL00773-LCS
 SDG: SE7341
 Extracted by:
 Extraction Method: SW846 5030
 Analyst: DJP
 Analysis Method: SW846 8260B
 Lab Prep Batch: WGL00773
 Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
Dibromomethane	50	NA	52	103	85-117
1,2-Dichloropropane	50	NA	47	94	84-118
Bromodichloromethane	50	NA	60	121	85-122
cis-1,3-dichloropropene	50	NA	53	107	83-119
1,4-Dioxane	1000	NA	710	71	10-149
2-Chloroethylvinylether	50	NA	26	51	39-135
Toluene	50	NA	55	110	84-118
4-methyl-2-pentanone	50	NA	40	* 79	83-122
Tetrachloroethene	50	NA	84	* 168	47-155
trans-1,3-Dichloropropene	50	NA	60	119	85-135
1,1,2-Trichloroethane	50	NA	49	98	84-115
Dibromochloromethane	50	NA	52	104	85-119
1,3-Dichloropropane	50	NA	48	96	80-119
1,2-Dibromoethane	50	NA	34	* 68	84-116
2-Hexanone	50	NA	46	91	80-124
Chlorobenzene	50	NA	50	101	89-113
Ethylbenzene	50	NA	50	99	88-113
1,1,1,2-Tetrachloroethane	50	NA	50	99	88-118
Xylenes (total)	150	NA	151	101	89-116
m+p-Xylenes	100	NA	100	100	88-116
o-Xylene	50	NA	51	103	90-116
Styrene	50	NA	51	102	88-117
Bromoform	50	NA	56	112	86-117
Isopropylbenzene	50	NA	54	108	96-136
cis-1,4-Dichloro-2-Butene	50	NA	37	73	59-136
trans-1,4-Dichloro-2-Butene	50	NA	44	89	63-132
Bromobenzene	50	NA	51	102	84-113
N-Propylbenzene	50	NA	48	96	83-121
1,1,2,2-Tetrachloroethane	50	NA	41	82	79-121
1,3,5-Trimethylbenzene	50	NA	46	91	80-123
2-Chlorotoluene	50	NA	47	94	81-120
1,2,3-Trichloropropane	50	NA	45	89	77-120
4-Chlorotoluene	50	NA	49	99	81-122
tert-Butylbenzene	50	NA	46	91	84-121
Pentachloroethane	50	NA	32	65	19-186
1,2,4-Trimethylbenzene	50	NA	47	94	83-118
P-Isopropyltoluene	50	NA	51	101	88-121
1,3-Dichlorobenzene	50	NA	51	102	86-110
1,4-Dichlorobenzene	50	NA	49	97	86-111
N-Butylbenzene	50	NA	46	92	78-121
sec-Butylbenzene	50	NA	46	93	82-122
1,2-Dichlorobenzene	50	NA	50	101	86-112
1,2-Dibromo-3-Chloropropane	50	NA	47	93	67-124
1,3,5-Trichlorobenzene	50	NA	55	111	77-120
Hexachlorobutadiene	50	NA	50	101	73-113

page 2 of 3

FORM III VOA-1

85964.D

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:	Lab ID: WG100773-1
Project: EF#1120	Client ID: WG100773-LCS
PO No:	SDG: SE7341
Sample Date:	Extracted by:
Received Date:	Extraction Method: SW846 5030
Extraction Date:	Analyst: DJP
Analysis Date: 11/09/11	Analysis Method: SW846 8260B
Report Date: 11/16/2011	Lab Prep Batch: WG100773
Matrix: WATER	Units: ug/l

COMPOUND	LCS SPIKE	SAMPLE CONC.	LCS CONC.	%REC.	QC. LIMITS
1,2,4-Trichlorobenzene	50	NA	54	108	76-126
1,2,3-Trimethylbenzene	50	NA	52	103	85-119
Naphthalene	50	NA	45	91	62-126
1,2,3-Trichlorobenzene	50	NA	48	97	70-122
Methyl Acetate	50	NA	51	102	70-132
Methylcyclohexane	50	NA	50	99	73-125
1-Chlorohexane	50	NA	48	96	73-119
Total Alkylbenzenes	350	NA	329	94	85-119

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Lab ID: WG100773-2
Project: EP#1120	Client ID: WG100773-Blank
PQ No:	SDG: SE7341
Sample Date:	Extracted by:
Received Date:	Extraction Method: SW846 5030
Extraction Date:	Analyst: DJP
Analysis Date: 09-NOV-2011 17:06	Analysis Method: SW846 8260B
Report Date: 11/16/2011	Lab Prep Batch: WG100773
Matrix: WATER	Units: ug/l
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
Dichlorodifluoromethane	U	1	1.0	1	1
Chloromethane	U	1	1.0	1	1
Vinyl chloride	U	1	1.0	1	1
Bromomethane	U	1	1.0	1	1
Chloroethane	U	1	1.0	1	1
Trichlorofluoromethane	U	1	1.0	1	1
Diethyl Ether	U	1	1.0	1	1
Tertiary-butyl alcohol	U	5	1.0	5	5
1,1-Dichloroethene	U	1	1.0	1	1
Carbon Disulfide	U	1	1.0	1	1
Freon-113	U	1	1.0	1	1
Iodomethane	U	1	1.0	1	1
Acrolein	U	5	1.0	5	5
Methylene Chloride	U	5	1.0	5	5
Acetone	U	5	1.0	5	5
Isobutyl Alcohol	U	20	1.0	20	20
trans-1,2-Dichloroethene	U	1	1.0	1	1
Allyl Chloride	U	1	1.0	1	1
Methyl tert-butyl ether	U	1	1.0	1	1
Acetonitrile	U	25	1.0	25	25
Di-isopropyl ether	U	1	1.0	1	1
Chloroprene	U	1	1.0	1	1
Methacrylonitrile	U	10	1.0	10	10
Propionitrile	U	10	1.0	10	10
1,1-Dichloroethane	U	1	1.0	1	1
Acrylonitrile	U	5	1.0	5	5
Ethyl tertiary-butyl ether	U	1	1.0	1	1
Vinyl Acetate	U	1	1.0	1	1
cis-1,2-Dichloroethene	U	1	1.0	1	1
1,2-Dichloroethylene (total)	U	2	1.0	2	2
Methyl Methacrylate	U	1	1.0	1	1
2,2-Dichloropropane	U	1	1.0	1	1
Bromochloromethane	U	1	1.0	1	1
Chloroform	U	1	1.0	1	1
Carbon Tetrachloride	U	1	1.0	1	1
Tetrahydrofuran	U	5	1.0	5	5
1,1,1-Trichloroethane	U	1	1.0	1	1
1,1-Dichloropropene	U	1	1.0	1	1
2-Butanone	U	5	1.0	5	5
Benzene	U	1	1.0	1	1
Cyclohexane	U	1	1.0	1	1
Ethyl Methacrylate	U	1	1.0	1	1
Tertiary-amyl methyl ether	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Lab ID: WG100773-2
Project: EP#1120	Client ID: WG100773-Blank
PO No:	SDG: SE7341
Sample Date:	Extracted by:
Received Date:	Extraction Method: SW846 5030
Extraction Date:	Analyst: DJP
Analysis Date: 09-NOV-2011 17:06	Analysis Method: SW846 8260B
Report Date: 11/16/2011	Lab Prep Batch: WG100773
Matrix: WATER	Units: ug/l
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
1,2-Dichloroethane	U	1	1.0	1	1
Trichloroethene	U	1	1.0	1	1
Dibromomethane	U	1	1.0	1	1
1,2-Dichloropropane	U	1	1.0	1	1
Bromodichloromethane	U	1	1.0	1	1
cis-1,3-dichloropropene	U	1	1.0	1	1
1,4-Dioxane	U	20	1.0	20	20
2-Chloroethylvinylether	U	1	1.0	1	1
Toluene	U	1	1.0	1	1
4-methyl-2-pentanone	U	5	1.0	5	5
Tetrachloroethene	U	1	1.0	1	1
trans-1,3-Dichloropropene	U	1	1.0	1	1
1,1,2-Trichloroethane	U	1	1.0	1	1
Dibromochloromethane	U	1	1.0	1	1
1,3-Dichloropropane	U	1	1.0	1	1
1,2-Dibromoethane	U	1	1.0	1	1
2-Hexanone	U	5	1.0	5	5
Chlorobenzene	U	1	1.0	1	1
Ethylbenzene	U	1	1.0	1	1
1,1,1,2-Tetrachloroethane	U	1	1.0	1	1
Xylenes (total)	U	3	1.0	3	3
m+p-Xylenes	U	2	1.0	2	2
o-Xylene	U	1	1.0	1	1
Styrene	U	1	1.0	1	1
Bromoform	U	1	1.0	1	1
Isopropylbenzene	U	1	1.0	1	1
cis-1,4-Dichloro-2-Butene	U	1	1.0	1	1
trans-1,4-Dichloro-2-Butene	U	1	1.0	1	1
Bromobenzene	U	1	1.0	1	1
N-Propylbenzene	U	1	1.0	1	1
1,1,2,2-Tetrachloroethane	U	1	1.0	1	1
1,3,5-Trimethylbenzene	U	1	1.0	1	1
2-Chlorotoluene	U	1	1.0	1	1
1,2,3-Trichloropropane	U	1	1.0	1	1
4-Chlorotoluene	U	1	1.0	1	1
tert-Butylbenzene	U	1	1.0	1	1
Pentachloroethane	U	1	1.0	1	1
1,2,4-Trimethylbenzene	U	1	1.0	1	1
P-Isopropyltoluene	U	1	1.0	1	1
1,3-Dichlorobenzene	U	1	1.0	1	1
1,4-Dichlorobenzene	U	1	1.0	1	1
N-Butylbenzene	U	1	1.0	1	1
sec-Butylbenzene	U	1	1.0	1	1

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Lab ID: WG100773-2
Project: EP#1120	Client ID: WG100773-Blank
PO No:	SDG: SE7341
Sample Date:	Extracted by:
Received Date:	Extraction Method: SW846 5030
Extraction Date:	Analyst: DJP
Analysis Date: 09-NOV-2011 17:06	Analysis Method: SW846 8260B
Report Date: 11/16/2011	Lab Prep Batch: WG100773
Matrix: WATER	Units: ug/l
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
1,2-Dichlorobenzene	U	1	1.0	1	1
1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1
1,3,5-Trichlorobenzene	U	1	1.0	1	1
Hexachlorobutadiene	U	1	1.0	1	1
1,2,4-Trichlorobenzene	U	1	1.0	1	1
1,2,3-Trimethylbenzene	U	1	1.0	1	1
Naphthalene	U	1	1.0	1	1
1,2,3-Trichlorobenzene	U	1	1.0	1	1
Methyl Acetate	U	1	1.0	1	1
Methylcyclohexane	U	1	1.0	1	1
1-Chlorohexane	U	1	1.0	1	1
Total Alkylbenzenes	U	7	1.0	7	7
Dibromofluoromethane		95%			
1,2-Dichloroethane-D4		95%			
Toluene-D8		102%			
P-Bromofluorobenzene		127%			

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG100443-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: EP#1120 SDG No.: SE7341

Lab File ID: U8755 Lab Sample ID: WG100443-1

Instrument ID: GCMS-U Date Extracted: 11/04/11

Matrix: (soil/water) WATER Date Analyzed: 11/23/11

Level: (low/med) LOW Time Analyzed: 0935

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG100443-LCS	WG100443-2	U8756	11/23/11	1021
02	WG100443-LCSD	WG100443-3	U8757	11/23/11	1107
03	MW-7	SE7341-1	U8762	11/23/11	1456
04	MW-5	SE7341-2	U8763	11/23/11	1542
05	MW-B	SE7341-3	U8764	11/23/11	1628
06	MW-C	SE7341-4	U8765	11/23/11	1713
07	MW-A	SE7341-5	U8788	11/26/11	1115
08	MW-3	SE7341-6	U8789	11/26/11	1158
09					
10					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Lab ID: WG100443-1
Project: EP#1120	Client ID: WG100443-Blank
PO No:	SDG: SE7341
Sample Date:	Extracted by: EC
Received Date:	Extraction Method: SW846 3510
Extraction Date: 11/04/11	Analyst: WAS
Analysis Date: 23-NOV-2011 09:35	Analysis Method: SW846 8270C
Report Date: 12/01/2011	Lab Prep Batch: WG100443
Matrix: WATER	Units: ug/L
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
Phenol	U	10	1.0	10	10
Bis(2-Chloroethyl)ether	U	10	1.0	10	10
2-Chlorophenol	U	10	1.0	10	10
1,3-Dichlorobenzene	U	10	1.0	10	10
1,4-Dichlorobenzene	U	10	1.0	10	10
1,2-Dichlorobenzene	U	10	1.0	10	10
2-Methylphenol	U	10	1.0	10	10
2,2'-Oxybis(1-chloropropane)	U	10	1.0	10	10
N-Nitroso-di-n-propylamine	U	10	1.0	10	10
3&4-Methylphenol	U	10	1.0	10	10
Hexachloroethane	U	10	1.0	10	10
Nitrobenzene	U	10	1.0	10	10
Isophorone	U	10	1.0	10	10
2-Nitrophenol	U	10	1.0	10	10
2,4-Dimethylphenol	U	10	1.0	10	10
Bis(2-Chloroethoxy)methane	U	10	1.0	10	10
2,4-Dichlorophenol	U	10	1.0	10	10
1,2,4-Trichlorobenzene	U	10	1.0	10	10
Naphthalene	U	10	1.0	10	10
4-Chloroaniline	U	10	1.0	10	10
Hexachlorobutadiene	U	10	1.0	10	10
4-Chloro-3-Methylphenol	U	10	1.0	10	10
2-Methylnaphthalene	U	10	1.0	10	10
Hexachlorocyclopentadiene	U	10	1.0	10	10
2,4,6-Trichlorophenol	U	10	1.0	10	10
2,4,5-Trichlorophenol	U	25	1.0	25	25
2-Chloronaphthalene	U	10	1.0	10	10
2-Nitroaniline	U	25	1.0	25	25
Dimethyl Phthalate	U	10	1.0	10	10
2,6-Dinitrotoluene	U	10	1.0	10	10
Acenaphthylene	U	10	1.0	10	10
3-Nitroaniline	U	25	1.0	25	25
Acenaphthene	U	10	1.0	10	10
2,4-Dinitrophenol	U	25	1.0	25	25
Dibenzofuran	U	10	1.0	10	10
4-Nitrophenol	U	25	1.0	25	25
2,4-Dinitrotoluene	U	10	1.0	10	10
Diethylphthalate	U	10	1.0	10	10
Fluorene	U	10	1.0	10	10
4-Chlorophenyl-phenylether	U	10	1.0	10	10
4-Nitroaniline	U	25	1.0	25	25
4,6-Dinitro-2-Methylphenol	U	25	1.0	25	25
N-Nitrosodiphenylamine	U	10	1.0	10	10

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Lab ID: WG100443-1
Project: EP#1120	Client ID: WG100443-Blank
PO No:	SDG: SE7341
Sample Date:	Extracted by: EC
Received Date:	Extraction Method: SW846 3510
Extraction Date: 11/04/11	Analyst: WAS
Analysis Date: 23-NOV-2011 09:35	Analysis Method: SW846 8270C
Report Date: 12/01/2011	Lab Prep Batch: WG100443
Matrix: WATER	Units: ug/L
% Solids: NA	

Compound	Flags	Results	DF	PQL	Adj.PQL
4-Bromophenyl-phenylether	U	10	1.0	10	10
Hexachlorobenzene	U	10	1.0	10	10
Pentachlorophenol	U	25	1.0	25	25
Phenanthrene	U	10	1.0	10	10
Anthracene	U	10	1.0	10	10
Carbazole	U	10	1.0	10	10
Di-n-butylphthalate	U	10	1.0	10	10
Fluoranthene	U	10	1.0	10	10
Pyrene	U	10	1.0	10	10
Butylbenzylphthalate	U	10	1.0	10	10
Benzo(a)anthracene	U	10	1.0	10	10
3,3'-Dichlorobenzidine	U	10	1.0	10	10
Chrysene	U	10	1.0	10	10
bis(2-Ethylhexyl)phthalate	U	10	1.0	10	10
Di-n-octylphthalate	U	10	1.0	10	10
Benzo(b)fluoranthene	U	10	1.0	10	10
Benzo(k)fluoranthene	U	10	1.0	10	10
Benzo(a)pyrene	U	10	1.0	10	10
Indeno(1,2,3-cd)pyrene	U	10	1.0	10	10
Dibenzo(a,h)anthracene	U	10	1.0	10	10
Benzo(g,h,i)perylene	U	10	1.0	10	10
2-Fluorophenol		22%			
Phenol-D6		12%			
Nitrobenzene-D5		55%			
2-Fluorobiphenyl		60%			
2,4,6-Tribromophenol		61%			
Terphenyl-D14		63%			

KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
 Project: EP#1120
 PO No:
 Sample Date:
 Received Date:
 Extraction Date: 11/04/11
 Analysis Date: 11/23/11
 Report Date: 12/01/2011
 Matrix: WATER

Lab ID: WG100443-2& WG100443-3
 Client ID: WG100443-LCS & WG100443-LCSD
 SDG: SE7341
 Extracted by: EC
 Extraction Method: SW846 3510
 Analyst: WAS
 Analysis Method: SW846 8270C
 Lab Prep Batch: WG100443
 Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	RPD LIMIT	QC LIMITS
Phenol	100	100	NA	15	14	15	14	5	30	10- 78
Bis(2-Chloroethyl) ether	50	50	NA	31	30	62	60	4	30	45- 95
2-Chlorophenol	100	100	NA	49	48	49	48	2	30	44- 91
1,3-Dichlorobenzene	50	50	NA	24	24	48	47	2	30	37- 90
1,4-Dichlorobenzene	50	50	NA	25	24	49	49	2	30	38- 91
1,2-Dichlorobenzene	50	50	NA	26	25	51	49	3	30	39- 94
2-Methylphenol	100	100	NA	38	36	38	* 36	5	30	37- 87
2,2'-Oxybis(1-chloropropane)	50	50	NA	36	35	72	69	4	30	42-100
N-Nitroso-di-n-propylamine	50	50	NA	30	28	61	57	6	30	41- 97
3&4-Methylphenol	100	100	NA	34	32	34	32	8	30	28- 85
Hexachloroethane	50	50	NA	23	22	45	45	0.4	30	31- 90
Nitrobenzene	50	50	NA	30	29	60	58	4	30	48- 95
Isophorone	50	50	NA	33	31	66	61	7	30	53- 93
2-Nitrophenol	100	100	NA	60	57	60	57	5	30	48-101
2,4-Dimethylphenol	100	100	NA	49	47	* 49	* 47	3	30	51- 87
Bis(2-Chloroethoxy)methane	50	50	NA	25	24	51	47	6	30	40- 98
2,4-Dichlorophenol	100	100	NA	62	59	62	59	5	30	47-106
1,2,4-Trichlorobenzene	50	50	NA	26	25	52	50	4	30	58- 90
Napthalene	50	50	NA	29	28	58	56	4	30	48- 89
4-Chloroaniline	50	50	NA	31	28	61	57	8	30	34-100
Hexachlorobutadiene	50	50	NA	25	25	50	49	0.8	30	34- 86
4-Chloro-3-Methylphenol	100	100	NA	67	62	67	* 62	7	30	63-101
2-Methylnaphthalene	50	50	NA	29	29	58	57	1	30	50-103
Hexachlorocyclopentadiene	50	50	NA	17	17	35	34	4	30	23- 70
2,4,6-Trichlorophenol	100	100	NA	68	66	68	66	3	30	57-109
2,4,5-Trichlorophenol	100	100	NA	75	73	75	73	4	30	53-136
2-Chloronaphthalene	50	50	NA	24	23	48	47	2	30	37- 76
2-Nitroaniline	50	50	NA	40	36	81	73	11	30	56-108
Dimethyl Phthalate	50	50	NA	32	28	63	56	12	30	10-111
2,6-Dinitrotoluene	50	50	NA	42	37	83	75	10	30	65-110
Acenaphthylene	50	50	NA	36	34	72	68	5	30	59- 97
3-Nitroaniline	50	50	NA	34	30	68	60	12	30	46- 97
Acenaphthene	50	50	NA	35	33	70	66	6	30	58- 99
2,4-Dinitrophenol	100	100	NA	87	82	87	82	6	30	12-143
Dibenzofuran	50	50	NA	38	35	75	69	8	30	62-104
4-Nitrophenol	100	100	NA	24	22	24	22	9	30	10-114
2,4-Dinitrotoluene	50	50	NA	45	41	89	82	9	30	66-123
Diethylphthalate	50	50	NA	37	33	74	67	11	30	58-101
Fluorene	50	50	NA	38	35	76	71	7	30	63-107
4-Chlorophenyl-phenylether	50	50	NA	38	36	77	72	7	30	65-100
4-Nitroaniline	50	50	NA	47	42	94	85	10	30	52-106
4,6-Dinitro-2-Methylphenol	100	100	NA	94	93	94	93	1	30	52-129
N-Nitrosodiphenylamine	50	50	NA	32	31	64	62	2	30	52- 96
4-Bromophenyl-phenylether	50	50	NA	40	39	81	77	4	30	56-106
Hexachlorobenzene	50	50	NA	36	35	72	70	3	30	51-112

**KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE**

Client:
Project: EP#1120
PO No:
Sample Date:
Received Date:
Extraction Date: 11/04/11
Analysis Date: 11/23/11
Report Date: 12/01/2011
Matrix: WATER

Lab ID: WG100443-2& WG100443-3
Client ID: WG100443-LCS & WG100443-LCSD
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: WAS
Analysis Method: SW846 8270C
Lab Prep Batch: WG100443
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	LRPD LIMIT	QC. LIMITS
Pentachlorophenol	100	100	NA	86	83	86	83	3	30	41-134
Phenanthrene	50	50	NA	41	39	82	79	3	30	70-107
Anthracene	50	50	NA	40	39	80	79	1	30	67-112
Carbazole	50	50	NA	42	42	85	84	0.9	30	57-125
Di-n-butylphthalate	50	50	NA	39	39	79	79	0.0	30	68-114
Fluoranthene	50	50	NA	37	38	74	77	4	30	67-119
Pyrene	50	50	NA	45	38	90	77	16	30	58-135
Butylbenzylphthalate	50	50	NA	42	39	84	78	8	30	56-129
Benzo(a)anthracene	50	50	NA	37	35	74	71	4	30	66-109
3,3'-Dichlorobenzidine	50	50	NA	33	30	65	60	9	30	36- 87
Chrysene	50	50	NA	40	38	81	76	6	30	68-114
bis(2-Ethylhexyl)phthalate	50	50	NA	43	47	85	95	10	30	51-155
Di-n-octylphthalate	50	50	NA	43	43	86	85	0.5	30	33-184
Benzo(b)fluoranthene	50	50	NA	41	40	82	79	4	30	60-108
Benzo(k)fluoranthene	50	50	NA	34	33	67	67	1	30	59-125
Benzo(a)pyrene	50	50	NA	39	38	78	76	3	30	63-118
Indeno(1,2,3-cd)pyrene	50	50	NA	40	37	80	73	9	30	55-111
Dibenzo(a,h)anthracene	50	50	NA	34	32	67	65	3	30	61-111
Benzo(g,h,i)perylene	50	50	NA	37	34	73	69	6	30	58-115

page 2 of 2

FORM III SV-1

U8756.D & U8757.D

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG100447-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: EP#1120 SDG No.: SE7341

Lab Sample ID: WG100447-1 Lab File ID: 7EK528

Matrix (soil/water) WATER Extraction: (SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 11/04/11

Date Analyzed (1): 11/14/11 Date Analyzed (2): 11/14/11

Time Analyzed (1): 1102 Time Analyzed (2): 1102

Instrument ID (1): GC07 Instrument ID (2): GC07

GC Column (1): RTX-CLPESTICIDES ID: 0.53(mm) GC Column (2): RTX-CLPESTICIDES2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG100447-LCS	WG100447-2	7EK529	11/14/11	11/14/11
02	WG100447-LCSD	WG100447-3	7EK530	11/14/11	11/14/11
03	MW-7	SE7341-1	7EK534	11/14/11	11/14/11
04	MW-5	SE7341-2	7EK535	11/14/11	11/14/11
05	MW-B	SE7341-3	7EK536	11/14/11	11/14/11
06	MW-C	SE7341-4	7EK537	11/14/11	11/14/11
07	MW-A	SE7341-5	7EK543	11/14/11	11/14/11
08	MW-3	SE7341-6	7EK544	11/14/11	11/14/11
09					
10					
11					
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23					
24					

COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Lab ID: WG100447-1
Project: EP#1120 Client ID: WG100447-Blank
PO No: SDG: SE7341
Sample Date: Extracted by: EC
Received Date: Extraction Method: SW846 3510
Extraction Date: 11/04/11 Analyst: CB
Analysis Date: 14-NOV-2011 11:02 Analysis Method: SW846 8082
Report Date: 12/01/2011 Lab Prep Batch: WG100447
Matrix: WATER Units: ug/L
% Solids: NA

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	0.50	1.0	0.50	0.50
Aroclor-1221	U	0.50	1.0	0.50	0.50
Aroclor-1232	U	0.50	1.0	0.50	0.50
Aroclor-1242	U	0.50	1.0	0.50	0.50
Aroclor-1248	U	0.50	1.0	0.50	0.50
Aroclor-1254	U	0.50	1.0	0.50	0.50
Aroclor-1260	U	0.50	1.0	0.50	0.50
Tetrachloro-m-xylene		* 35%			
Decachlorobiphenyl		* 14%			

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**KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE**

Client:
Project: EP#1120
PO No:
Sample Date:
Received Date:
Extraction Date: 11/04/11
Analysis Date: 11/14/11
Report Date: 12/01/2011
Matrix: WATER

Lab ID: WG100447-2& WG100447-3
Client ID: WG100447-LCS & WG100447-LCSD
SDG: SE7341
Extracted by: EC
Extraction Method: SW846 3510
Analyst: CB
Analysis Method: SW846 8082
Lab Prep Batch: WG100447
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	RPD LIMIT	QC LIMITS
Aroclor-1016	5.0	5.0	NA	5.5	3.8	110	77 *	35	30	65-112
Aroclor-1260	5.0	5.0	NA	3.6	2.8	72 *	55	26	30	62-104

FORM 4
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG101328-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: EP#1120 SDG No.: SE7341

Lab Sample ID: WG101328-1 Lab File ID: 7EK819

Matrix (soil/water) WATER Extraction: (SepF/Cont/Sonc) SW846 3510

Sulfur Cleanup: (Y/N) N Date Extracted: 11/18/11

Date Analyzed (1): 11/23/11 Date Analyzed (2): 11/23/11

Time Analyzed (1): 1236 Time Analyzed (2): 1236

Instrument ID (1): GC07 Instrument ID (2): GC07

GC Column (1): RTX-CLPESTICIDES ID: 0.53 (mm) GC Column (2): RTX-CLPESTICIDES2 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	WG101328-LCS	WG101328-2	7EK820	11/23/11	11/23/11
02	WG101328-LCSD	WG101328-3	7EK826	11/23/11	11/23/11
03	MW-7	SE7341-1RE	7EK830	11/23/11	11/23/11
04	MW-5	SE7341-2RE	7EK831	11/23/11	11/23/11
05	MW-B	SE7341-3RE	7EK832	11/23/11	11/23/11
06	MW-3	SE7341-6RE	7EK833	11/23/11	11/23/11
07					
08					
09					
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COMMENTS: _____

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Lab ID: WG101328-1
Project: EP#1120 Client ID: WG101328-Blank
PO No: SDG: SE7341
Sample Date: Extracted by: JMS
Received Date: Extraction Method: SW846 3510
Extraction Date: 11/18/11 Analyst: CB
Analysis Date: 23-NOV-2011 12:36 Analysis Method: SW846 8082
Report Date: 12/01/2011 Lab Prep Batch: WG101328
Matrix: WATER Units: ug/L
% Solids: NA

Compound	Flags	Results	DF	PQL	Adj.PQL
Aroclor-1016	U	0.050	1.0	0.50	0.050
Aroclor-1221	U	0.050	1.0	0.50	0.050
Aroclor-1232	U	0.050	1.0	0.50	0.050
Aroclor-1242	U	0.050	1.0	0.50	0.050
Aroclor-1248	U	0.050	1.0	0.50	0.050
Aroclor-1254	U	0.050	1.0	0.50	0.050
Aroclor-1260	U	0.050	1.0	0.50	0.050
Tetrachloro-m-xylene		* 47%			
Decachlorobiphenyl		* 20%			

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KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE

Client:
 Project: EP#1120
 PO No:
 Sample Date:
 Received Date:
 Extraction Date: 11/18/11
 Analysis Date: 11/23/11
 Report Date: 12/01/2011
 Matrix: WATER

Lab ID: WG101328-2& WG101328-3
 Client ID: WG101328-LCS & WG101328-LCSD
 SDG: SE7341
 Extracted by: JMS
 Extraction Method: SW846 3510
 Analyst: CB
 Analysis Method: SW846 8082
 Lab Prep Batch: WG101328
 Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	QC LIMIT	QC LIMITS
Aroclor-1016	5.0	5.0	NA	3.2	3.6	* 63	73	14	30	65-112
Aroclor-1260	5.0	5.0	NA	2.8	3.3	* 56	66	16	30	62-104

FORM 4
SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG100439-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS

Project: EP#1120 SDG No.: SE7341

Lab File ID: AEK2047 Lab Sample ID: WG100439-1

Instrument ID: GC10 Date Extracted: 11/04/11

Matrix: (soil/water) WATER Date Analyzed: 11/08/11

Level: (low/med) LOW Time Analyzed: 1944

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG100439-LCS	WG100439-2	AEK2048	11/08/11	2021
02	WG100439-LCSD	WG100439-3	AEK2049	11/08/11	2059
03	MW-5	SE7341-2	AEK2055	11/09/11	0043
04	MW-B	SE7341-3	AEK2056	11/09/11	0120
05	MW-C	SE7341-4	AEK2057	11/09/11	0157
06	MW-A	SE7341-5	AEK2058	11/09/11	0234
07	MW-3	SE7341-6	AEK2059	11/09/11	0312
08	MW-7	SE7341-1DL	AEK2119	11/12/11	0055
09					
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Lab ID: WG100439-1
Project: EP#1120 Client ID: WG100439-Blank
PO No: SED: SE7341
Sample Date: Extracted by: EC
Received Date: Extraction Method: SW846 3510
Extraction Date: 11/04/11 Analyst: AC
Analysis Date: 08-NOV-2011 19:44 Analysis Method: MEDEP 4.1.25
Report Date: 11/15/2011 Lab Prep Batch: WG100439
Matrix: WATER Units: ug/L
% Solids: NA

Compound	Flags	Results	DF	PQL	Adj.PQL
Diesel Range Organics	U	50	1.0	50	50
O-Terphenyl		82%			

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**KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE**

Client:	Lab ID: WG100439-2& WG100439-3
Project: EP#1120	Client ID: WG100439-LCS & WG100439-LCSD
PO No:	SDG: SE7341
Sample Date:	Extracted by: EC
Received Date:	Extraction Method: SW846 3510
Extraction Date: 11/04/11	Analyst: AC
Analysis Date: 11/08/11	Analysis Method: MEDEP 4.1.25
Report Date: 11/15/2011	Lab Prep Batch: WG100439
Matrix: WATER	Units: ug/L

COMPOUND	ICS SPIKE	LCSD SPIKE	SAMPLE CONC.	ICS CONC.	LCSD CONC.	ICS %REC.	LCSD %REC.	%RPD	%RPD LIMIT	QC. LIMITS
Diesel Range Organics	500	500	NA	427	406	85	81	5	20	60-140

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE ID

WG100677-BLANK

Lab Name: KATAHDIN ANALYTICAL SERVICES Lab Code: KAS
 Project: EP#1120 SDG No.: SE7341
 Lab File ID: 2EK10072 Lab Sample ID: WG100677-1
 Date Analyzed: 11/08/11 Time Analyzed: 1131
 GC Column: RTX-502.2 ID: 0.53 (mm) Heated Purge: (Y/N) N
 Instrument ID: GC02

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	WG100677-LCS	WG100677-2	2EK10073	11/08/11	1223
02	WG100677-LCSD	WG100677-3	2EK10074	11/08/11	1316
03	MW-7	SE7341-1	2EK10076	11/08/11	1502
04	MW-5	SE7341-2	2EK10077	11/08/11	1632
05	MW-B	SE7341-3	2EK10078	11/08/11	1725
06	MW-C	SE7341-4	2EK10079	11/08/11	1820
07	MW-A	SE7341-5	2EK10080	11/08/11	1915
08	MW-3	SE7341-6	2EK10081	11/08/11	2010
09	TRIP BLANK	SE7341-7	2EK10082	11/08/11	2105
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COMMENTS:

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Lab ID: WG100677-1
Project: EP#1120 Client ID: WG100677-Blank
PO No: SDG: SE7341
Sample Date: Extracted by:
Received Date: Extraction Method: SW846 5030B
Extraction Date: Analyst: EKC
Analysis Date: 08-NOV-2011 11:31 Analysis Method: MEDEP 4.2.17
Report Date: 11/16/2011 Lab Prep Batch: WG100677
Matrix: WATER Units: ug/L
% Solids: NA

Compound	Flags	Results	DF	PQL	Adj.PQL
Gasoline Range Organics	U	10	1.0	10	10
4-Bromofluorobenzene		96%			

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**KATAHDIN ANALYTICAL SERVICES
LAB CONTROL SAMPLE**

Client:
Project: EP#1120
PO No:
Sample Date:
Received Date:
Extraction Date:
Analysis Date: 11/08/11
Report Date: 11/16/2011
Matrix: WATER

Lab ID: WG100677-2& WG100677-3
Client ID: WG100677-LCS & WG100677-LCSD
SDG: SE7341
Extracted by:
Extraction Method: SW846 5030B
Analyst: EKC
Analysis Method: MEDEP 4.2.17
Lab Prep Batch: WG100677
Units: ug/L

COMPOUND	LCS SPIKE	LCSD SPIKE	SAMPLE CONC.	LCS CONC.	LCSD CONC.	LCS %REC.	LCSD %REC.	%RPD	QC. LIMIT	LIMITS
Gasoline Range Organics	100	100	NA	95	102	95	102	7	20	60-140



PREPARATION BLANK REPORT

Sample ID: PBWBK07HGW3

Batch ID: BK07HGW3

Element Name	Result	Units	Flag	PQL	File
MERCURY	0.03	ug/L	U	0.20	HBK08A

- U The analyte was not detected in the sample at a level greater than the instrument detection limit.
- J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.
- H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWBK07HGW3

Batch ID: BK07HGW3

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (%)	File
MERCURY	5.00	5.85	ug/L	117.0%		80, 120,	HBK08A

- H Laboratory control sample recovery is greater than the laboratory's acceptance limit.
L Laboratory control sample recovery is less than the laboratory's acceptance limit.



PREPARATION BLANK REPORT

Sample ID: PBWBK10ICW2

Batch ID: BK10ICW2

Element Name	Result	Units	Flag	PQL	File
ALUMINUM	0.01	mg/L	U	0.30	IBK10A
ANTIMONY	0.002	mg/L	U	0.008	IBK10A
ARSENIC	0.002	mg/L	U	0.008	IBK10A
BARIUM	0.0002	mg/L	U	0.0050	IBK10A
BERYLLIUM	0.00003	mg/L	U	0.00500	IBK10A
BORON	0.001	mg/L	U	0.100	IBK10A
CADMIUM	0.0009	mg/L	U	0.0100	IBK10A
CALCIUM	0.01	mg/L	U	0.10	IBK10A
CHROMIUM	0.0003	mg/L	U	0.0150	IBK10A
COBALT	0.0003	mg/L	U	0.0300	IBK10A
COPPER	0.0012	mg/L	J	0.0250	IBK10A
IRON	0.009	mg/L	J	0.100	IBK10A
LEAD	0.001	mg/L	U	0.005	IBK10A
LITHIUM	0.002	mg/L	U	0.100	IBK10A
MAGNESIUM	0.007	mg/L	J	0.100	IBK10A
MANGANESE	0.0006	mg/L	J	0.0050	IBK10A
MOLYBDENUM	0.002	mg/L	U	0.010	IBK10A
NICKEL	0.0003	mg/L	U	0.0400	IBK10A
POTASSIUM	0.1	mg/L	U	1.0	IBK10A
SELENIUM	0.002	mg/L	U	0.010	IBK10A
SILICON	0.02	mg/L	J	0.20	IBK10A
SILVER	0.0005	mg/L	U	0.0150	IBK10A
SODIUM	0.1	mg/L	U	1.0	IBK10A
STRONTIUM	0.0002	mg/L	J	0.100	IBK10A
THALLIUM	0.002	mg/L	U	0.015	IBK10A
TIN	0.024	mg/L	J	0.100	IBK10A
TITANIUM	0.0004	mg/L	U	0.0150	IBK10A
VANADIUM	0.0004	mg/L	U	0.0250	IBK10A
ZINC	0.0004	mg/L	J	0.0250	IBK10A

- U The analyte was not detected in the sample at a level greater than the instrument detection limit.
J The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.
H The analyte was detected in the sample at a concentration greater than the laboratory's acceptance limit.



LABORATORY CONTROL SAMPLE REPORT

Sample ID: LCSWBK10ICW2

Batch ID: BK10ICW2

Element Name	True Value	Result	Units	Recovery(%)	Flag	Limits (%)	File
ALUMINUM	2.00	2.10	mg/L	105.0%		80. 120.	IBK10A
ANTIMONY	0.100	0.104	mg/L	104.0%		80. 120.	IBK10A
ARSENIC	0.100	0.107	mg/L	107.0%		80. 120.	IBK10A
BARIUM	2.00	2.14	mg/L	107.0%		80. 120.	IBK10A
BERYLLIUM	0.0500	0.0534	mg/L	106.8%		80. 120.	IBK10A
BORON	0.500	0.507	mg/L	101.4%		80. 120.	IBK10A
CADMIUM	0.250	0.269	mg/L	107.6%		80. 120.	IBK10A
CALCIUM	2.50	2.62	mg/L	104.8%		80. 120.	IBK10A
CHROMIUM	0.200	0.214	mg/L	107.0%		80. 120.	IBK10A
COBALT	0.500	0.536	mg/L	107.2%		80. 120.	IBK10A
COPPER	0.250	0.268	mg/L	107.2%		80. 120.	IBK10A
IRON	1.00	1.06	mg/L	106.0%		80. 120.	IBK10A
LEAD	0.100	0.106	mg/L	106.0%		80. 120.	IBK10A
LITHIUM	0.500	0.528	mg/L	105.6%		80. 120.	IBK10A
MAGNESIUM	5.00	5.38	mg/L	107.6%		80. 120.	IBK10A
MANGANESE	0.500	0.509	mg/L	101.8%		80. 120.	IBK10A
MOLYBDENUM	0.300	0.320	mg/L	106.7%		80. 120.	IBK10A
NICKEL	0.500	0.514	mg/L	102.8%		80. 120.	IBK10A
POTASSIUM	10.0	10.6	mg/L	106.0%		80. 120.	IBK10A
SELENIUM	0.100	0.105	mg/L	105.0%		80. 120.	IBK10A
SILICON	5.00	4.86	mg/L	97.2%		80. 120.	IBK10A
SILVER	0.0500	0.0502	mg/L	100.4%		80. 120.	IBK10A
SODIUM	7.5	8.0	mg/L	106.7%		80. 120.	IBK10A
STRONTIUM	0.500	0.536	mg/L	107.2%		80. 120.	IBK10A
THALLIUM	0.100	0.108	mg/L	108.0%		80. 120.	IBK10A
TIN	0.500	0.519	mg/L	103.8%		80. 120.	IBK10A
TITANIUM	0.500	0.542	mg/L	108.4%		80. 120.	IBK10A
VANADIUM	0.500	0.536	mg/L	107.2%		80. 120.	IBK10A
ZINC	0.500	0.539	mg/L	107.8%		80. 120.	IBK10A

- H Laboratory control sample recovery is greater than the laboratory's acceptance limit.
- L Laboratory control sample recovery is less than the laboratory's acceptance limit.

Client: <i>Dream</i>	KAS PM: <i>SMB</i>	Sampled By: <i>C. Vent</i>
Project:	KIMS Entry By: <i>GW</i>	Delivered By: <i>C. Vent</i>
KAS Work Order#: <i>SE7341</i>	KIMS Review By: <i>GW</i>	Received By: <i>GW</i>
SDG #:	Cooler: <u>1</u> of <u>4</u>	Date/Time Rec.: <i>11-3-11/13:20</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		/			
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): <i>-1.2</i>
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) may not meet certain regulatory requirements and may invalidate certain data.
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals analysis.
6. Volatiles free of headspace: Aqueous: No bubble larger than a pea Soil/Sediment:				/	
Received in airtight container?				/	
Received in methanol?				/	
Methanol covering soil?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH - pH <2 Sulfide - >9 Cyanide - pH >12	/			/	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Client: <u>Drumlin</u>	KAS PM: <u>SMB</u>	Sampled By: <u>CBent</u>
Project:	KIMS Entry By: <u>GN</u>	Delivered By: <u>CBent</u>
KAS Work Order#: <u>SE 7341</u>	KIMS Review By: <u>SD</u>	Received By: <u>GN</u>
SDG #:	Cooler: <u>2</u> of <u>4</u>	Date/Time Rec.: <u>11-3-11/13:20</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		✓			
2. Chain of Custody present in cooler?	✓				
3. Chain of Custody signed by client?	✓				
4. Chain of Custody matches samples?	✓				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	✓				Temp (°C): <u>-0.7</u>
Samples received at <6 °C w/o freezing?	✓				Note: Not required for metals analysis.
Ice packs or ice present?	✓				The lack of ice or ice packs (i.e. no attempt to begin cooling process) may not meet certain regulatory requirements and may invalidate certain data.
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				✓	Note: No cooling process required for metals analysis.
6. Volatiles free of headspace: Aqueous: No bubble larger than a pea Soil/Sediment: Received in airtight container?				✓	
Received in methanol?				✓	
Methanol covering soil?				✓	
7. Trip Blank present in cooler?				✓	
8. Proper sample containers and volume?	✓				
9. Samples within hold time upon receipt?	✓				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2 Sulfide - >9 Cyanide – pH > 12	✓			✓	

* Log-in Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Client: <u>Dranon</u>	KAS PM: <u>SMB</u>	Sampled By: <u>Chant</u>
Project:	KIMS Entry By: <u>GM</u>	Delivered By: <u>Chant</u>
KAS Work Order#: <u>SE7341</u>	KIMS Review By: <u>[Signature]</u>	Received By: <u>GM</u>
SDG #:	Cooler: <u>3</u> of <u>4</u>	Date/Time Rec.: <u>11-3-11/13:20</u>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		/			
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?	/				
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): <u>2.2</u>
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) may not meet certain regulatory requirements and may invalidate certain data.
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals analysis.
6. Volatiles free of headspace: Aqueous: No bubble larger than a pea Soil/Sediment: Received in airtight container?				/	
Received in methanol?				/	
Methanol covering soil?				/	
7. Trip Blank present in cooler?				/	
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2 Sulfide - >9 Cyanide – pH >12	/			/	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments

Client: <i>Draught</i>	KAS PM: <i>SMB</i>	Sampled By: <i>C best</i>
Project:	KIMS Entry By: <i>Gr</i>	Delivered By: <i>C best</i>
KAS Work Order#: <i>SE7341</i>	KIMS Review By: <i>SMB</i>	Received By: <i>Gr</i>
SDG #:	Cooler: <u>4</u> of <u>4</u>	Date/Time Rec.: <i>11-3-11/1320</i>

Receipt Criteria	Y	N	EX*	NA	Comments and/or Resolution
1. Custody seals present / intact?		/			
2. Chain of Custody present in cooler?	/				
3. Chain of Custody signed by client?	/				
4. Chain of Custody matches samples?		/			<i>Trip blank not on chain.</i>
5. Temperature Blanks present? If not, take temperature of any sample w/ IR gun.	/				Temp (°C): <i>3.1</i>
Samples received at <6 °C w/o freezing?	/				Note: Not required for metals analysis.
Ice packs or ice present?	/				The lack of ice or ice packs (i.e. no attempt to begin cooling process) may not meet certain regulatory requirements and may invalidate certain data.
If temp. out, has the cooling process begun (i.e. ice or packs present) and sample collection times <6hrs., but samples are not yet cool?				/	Note: No cooling process required for metals analysis.
6. Volatiles free of headspace: Aqueous: No bubble larger than a pea Soil/Sediment: Received in airtight container?	/				
Received in methanol?				/	
Methanol covering soil?				/	
7. Trip Blank present in cooler?	/				
8. Proper sample containers and volume?	/				
9. Samples within hold time upon receipt?	/				
10. Aqueous samples properly preserved? Metals, COD, NH3, TKN, O/G, phenol, TPO4, N+N, TOC, DRO, TPH – pH <2 Sulfide - >9 Cyanide – pH >12				/	

* Log-In Notes to Exceptions: document any problems with samples or discrepancies or pH adjustments



600 Technology Way
 Scarborough, ME 04074
 Tel: (207) 874-2480
 Fax: (207) 775-4029

CHAIN of CUSTODY

PLEASE BEAR DOWN AND
 PRINT LEGIBLY IN PEN

Page 1 of 1

Client: **DRUMLEN Environmental Lab** Contact: **Matt Reynolds** Phone #: **(207) 771-5546** Fax #: **(207) 771-5547**
 Address: **PO Box 329** City: **PORTLAND** State: **ME** Zip Code: **04112**
 Purchase Order #: **11-020** Proj. Name / No.: **EP #1120** Katahdin Quote #:

Bill (if different than above) **same** Address: _____
 Sampler (Print / Sign) **Matt Reynolds - MDR** Copies To:

LAB USE ONLY WORK ORDER #: **SET341** ANALYSIS AND CONTAINER TYPE PRESERVATIVES
 KATAHDIN PROJECT NUMBER _____

REMARKS:				FIL	FIL	FIL	FIL	FIL	FIL	FIL	FIL	FIL	FIL	FIL								
				OY	ON	OY	ON	OY	ON	OY	ON	OY	ON	OY	ON							
SHIPPING INFO: <input type="checkbox"/> FED EX <input type="checkbox"/> UPS <input type="checkbox"/> CLIENT				SAX-8270	PRE-MDEP	PRE-MDEP	PCB-80	VDA-8260	Ambios-A5-Ba-Cd	Cr-Cu-Pb-Ni	SE-EN											
AIRBILL NO: _____																						
TEMP °C _____ <input type="checkbox"/> TEMP BLANK <input type="checkbox"/> INTACT <input type="checkbox"/> NOT INTACT																						

* Sample Description	Date / Time col'd	Matrix	No. of Cntrs.	SAX-8270	PRE-MDEP	PRE-MDEP	PCB-80	VDA-8260	Ambios-A5-Ba-Cd	Cr-Cu-Pb-Ni	SE-EN				
MW-7	11-2-11 / 0755	GLW	13	X	X	X	X	X	X	X					
MW-5	/ 1115		13	X	X	X	X	X	X	X					
MW-B	/ 1305		13	X	X	X	X	X	X	X					
MW-C*	/ 1335		10	X	X	X	X	X	X	X					
MW-A*	/ 1450		10	X	X	X	X	X	X	X					
MW-3	/ 1655		13	X	X	X	X	X	X	X					
	/														
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	/														
	/														
	/														
	/														

COMMENTS * 12 bottles for MW-A+C filled later as well relogs extended

Relinquished By: (Signature)	Date / Time 11-3-11 1315	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)
Relinquished By: (Signature)	Date / Time	Received By: (Signature)	Relinquished By: (Signature)	Date / Time	Received By: (Signature)

THE TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS COVER SHEET APPLY TO ALL SERVICES, EXCEPT WHEN A SIGNED CONTRACTUAL AGREEMENT EXISTS. ORIGINAL

AS-COG1



Katahdin Analytical Services
Login Chain of Custody Report (Ino1)
 Nov. 03, 2011

Login Number: SE7341

Account: DRUMLD01

Drumlin Environmental, LLC

NoWeb

02:29 PM

Quote/Incoming: DRUMAQUEOUS

Login Information:

ANALYSIS INSTRUCTIONS : merge results for EDD, MEDEP project
 CHECK NO. :
 CLIENT PO# : 11-020
 CLIENT PROJECT MANAGE :
 CONTRACT :
 COOLER TEMPERATURE : -1.2, -0.7, 2.2, 3.1
 DELIVERY SERVICES : Client
 EDD FORMAT : KAS064-XLS
 LOGIN INITIALS : GN
 PM : SMB
 PROJECT NAME : EP#1120
 QC LEVEL : II
 REGULATORY LIST :
 REPORT INSTRUCTIONS : email pdf, EDD and Invoice, no HC, merge results for EDD
 SDG ID :
 SDG STATUS :

Project:

Primary Report Address:

Matt Reynolds
 Drumlin Environmental, LLC
 75 York St.
 PO Box 392
 Portland, ME 04112-0342
 info@drumlinllc.com

Primary Invoice Address:

Accounts Payable
 Drumlin Environmental, LLC
 75 York St.
 PO Box 392
 Portland, ME 04112-0342

Report CC Addresses:

Invoice CC Addresses:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SE7341-1	MW-7	02-NOV-11 09:55	03-NOV-11			16-NOV-11	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Aqueous	S MEDEP4.1.25	09-NOV-11	1L N-Amber Glass				
Aqueous	S MEDEP4.2.17	16-NOV-11	40mL Vial+HCl				
Aqueous	S SW3010-PREP	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ANTIMONY	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ARSENIC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-CADMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-CHROMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-COPPER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-LEAD	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-NICKEL	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-SELENIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-SILVER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	30-NOV-11	500mL Plastic+HNO3				
Aqueous	S SW8082	09-NOV-11	1L N-Amber Glass				
Aqueous	S SW8260FULL5ML	16-NOV-11	40mL Vial+HCl				
Aqueous	S SW8270BNA	09-NOV-11	1L N-Amber Glass				
SE7341-2	MW-5	02-NOV-11 11:15	03-NOV-11			16-NOV-11	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Aqueous	S MEDEP4.1.25	09-NOV-11	1L N-Amber Glass				
Aqueous	S MEDEP4.2.17	16-NOV-11	40mL Vial+HCl				
Aqueous	S SW3010-PREP	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ANTIMONY	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ARSENIC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-BARIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-CADMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-CHROMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-COPPER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-LEAD	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-NICKEL	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-SELENIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-SILVER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW6010-ZINC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	30-NOV-11	500mL Plastic+HNO3				
Aqueous	S SW8082	09-NOV-11	1L N-Amber Glass				
Aqueous	S SW8260FULL5ML	16-NOV-11	40mL Vial+HCl				
Aqueous	S SW8270BNA	09-NOV-11	1L N-Amber Glass				

Login Number: SE7341

Quota/Incoming: DRUMAQUEOUS

Account: DRUMLI001

NoWeb

Drumlin Environmental, LLC

Project:

Laboratory Sample ID	Client Sample Number	Collect Date/Time	Receive Date	PR	Verbal Date	Due Date	Mailed
SE7341-3	MW-B	02-NOV-11 13:05	03-NOV-11			16-NOV-11	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Aqueous	S MEDEP4.1.25	09-NOV-11	1L N-Amber Glass				
Aqueous	S MEDEP4.2.17	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW8010-PREP	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ANTIMONY	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ARSENIC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-BARIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CADMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CHROMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-COPPER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-LEAD	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-NICKEL	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SELENIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SILVER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ZINC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	30-NOV-11	500mL Plastic+HNO3				
Aqueous	S SW8082	09-NOV-11	1L N-Amber Glass				
Aqueous	S SW8260FULL5ML	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW8270BNA	09-NOV-11	1L N-Amber Glass				
SE7341-4	MW-C	02-NOV-11 13:35	03-NOV-11			16-NOV-11	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Aqueous	S MEDEP4.1.25	09-NOV-11	1L N-Amber Glass			1 amber each extraction	
Aqueous	S MEDEP4.2.17	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW3010-PREP	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ANTIMONY	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ARSENIC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-BARIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CADMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CHROMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-COPPER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-LEAD	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-NICKEL	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SELENIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SILVER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ZINC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	30-NOV-11	500mL Plastic+HNO3				
Aqueous	S SW8082	09-NOV-11	1L N-Amber Glass				
Aqueous	S SW8260FULL5ML	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW8270BNA	09-NOV-11	1L N-Amber Glass				
SE7341-5	MW-A	02-NOV-11 14:50	03-NOV-11			16-NOV-11	
<i>Matrix</i>	<i>Product</i>	<i>Hold Date (shortest)</i>	<i>Bottle Type</i>		<i>Bottle Count</i>	<i>Comments</i>	
Aqueous	S MEDEP4.1.25	09-NOV-11	1L N-Amber Glass			1 amber each extraction	
Aqueous	S MEDEP4.2.17	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW3010-PREP	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ANTIMONY	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ARSENIC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-BARIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CADMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-CHROMIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-COPPER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-LEAD	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-NICKEL	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SELENIUM	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-SILVER	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW8010-ZINC	30-APR-12	250mL Plastic+HNO3				
Aqueous	S SW7470-MERCURY	30-NOV-11	500mL Plastic+HNO3				
Aqueous	S SW8082	09-NOV-11	1L N-Amber Glass				
Aqueous	S SW8260FULL5ML	18-NOV-11	40mL Vial+HCl				
Aqueous	S SW8270BNA	09-NOV-11	1L N-Amber Glass				

July 11, 2008

Acadia Environmental Technology
Ms. Martha Mixon
48 Free Street
Portland, ME 04101

Re: E. Perry Iron and Metal Co.; 115 Lancaster Street; #2008-0054

Dear Ms. Mixon,

The Planning Office has received the following documents related to the site plan application for the E. Perry Iron and Metal Co. located at 115 Lancaster Street and 9 Somerset Street. These documents include a Development Review application prepared by Acadia Environmental Technology (dated April 30, 2008); Boundary Survey Parcels 1 and 2 prepared by Sebago Technics (dated October 24, 2003); and Site Plan prepared by Acadia Environmental Technology (dated April 30, 2008).

This letter is intended to outline staff review comments for the site plan submitted for the E. Perry and Iron properties. The comments were generated based upon a review of the site plan submission and the review standards of the site plan ordinance of Chapter 14 of the Land Use Code. Comments on the submitted site plan application are provided below.

1. Survey. The applicant should confirm that the survey for the project coincides with approved City standards. The survey needs to be tied to the vertical datum of NGVD 1929. Also, the project needs to be tied to the Maine State Plane Coordinate System (2-zone projection), West Zone using the NAD (HARN) Datum and the U.S. Survey Foot as the unit of measure. This information should be indicated on the survey. The boundary survey needs to be stamped by a registered land surveyor.
2. The application includes proof of right, title and interest for the Lancaster Street property, but it is missing documentation for the Somerset Street property.
3. The site plan indicates that the "elevation change across the site is less than two feet, therefore contours are not shown." If the topography is such that two-foot contours cannot be represented, then the applicant should provide contours at a smaller interval. The plan should include the grade elevation of the existing buildings. Spot grade elevations and drainage areas should be used to supplement the plan when necessary.
4. The application should include a description of existing drainage conditions. Describe how storm water is treated on the site in regard to contaminants.

5. Applicant should provide information regarding existing or proposed easements, or provide a statement that none exist.
6. Exterior lighting. Indicate type, location, wattage and catalog cut of exterior lighting throughout the site.
7. Address B-7 performance standards of Sec. 14-299 including storage; noise; storage of vehicles; materials or waste; and discharge into sewer.
8. Plan should indicate existing parking spaces for vehicles including employees, visitors, vendors.
9. Plan should clearly define driveway entrances (width, radii, etc.). The driveways should conform to City standards.
10. Applicant should provide information on how vehicle queuing will occur on-site. It should be documented that queuing will not take place on the public street system.
11. Delivery trucks currently block Lancaster Street. The applicant should explain how this situation will be eliminated by including a plan that eliminates the presence of delivery vehicles parking/ queuing on the public street system.
12. Applicant should provide information on peak hour traffic levels entering and exiting the site. The applicant should document whether traffic levels have changed substantially since 1998.
13. Applicant should review Sec. iii (Traffic Design Standards and Guidelines) of the City's Technical and Design Standards and Guidelines and provide documentation how the project meets City access management standards. (attached hereto)
14. Screening. On the Kennebec Street side of the property there are gaps in the fence screening material. New screening material should be added to the fence and noted as such on the plan. Also there is fabric material mounted on the fence that is badly faded and should be replaced and noted as such on the plan. Street trees should be integrated into sidewalks along the project street frontage.
15. Location and size of the storage units and dumpsters should be labeled and shown on the plan.
16. Sec. 25-96 of the Municipal Code requires that commercial projects undergoing site plan review shall provide sidewalk and curb if such improvements do not presently exist or if such existing curb and sidewalks are not adequate. There are also a number of curb openings (exclusive of existing driveways) along the property frontage that need curb installed along with a sidewalk as necessary.

Please note that the above comments relate only to the site plan application. Once the site plan issues have been addressed, the City will review and comment on the scrap metal recycling facilities permit application processed separately. Should you have any questions regarding this letter please feel free to contact me.

Sincerely,

Richard Knowland
Senior Planner

cc: Penny Littell, Director of Planning and Urban Development
Alexander Jaegerman, Director of Planning Division
Barbara Barhydt, Development Review services Manager

Rick Knowland - Re: e.perry letter

From: Rick Knowland
To: Penny Littell
Date: 7/11/2008 2:39 PM
Subject: Re: e.perry letter

Penny, Great. I'll see if I can get this out today.

>>> Penny Littell Friday, July 11, 2008 >>>
good. trees are fine.

>>> Rick Knowland 7/11/2008 2:09:50 PM >>>
Penny, Thanks for the comments. Concerning landscaping, I don't know what to say. Given what is there, I think the only realistic option is street trees. Unless you fel otherwise I'll add a sentence about them incorporating street trees into the sidewalks. I have mixed thoughts about it because requiring trees is totally appropriate but its obvious this site is ripe for redevelopment and everything will be reconfigured.

AGREEMENT

This Agreement is made this 30th day of March, 2005, by and between the City of Portland, a municipal body corporate and politic and a political subdivision of the State of Maine ("Portland"), and E. Perry Iron and Metal Co., Inc., a Maine corporation ("EPIM").

RECITALS

WHEREAS, EPIM operates a scrap metal facility located at 9 Somerset Street and 42-44 Kennebec Street, Portland, Maine (the "Facility"), with a mailing address of 115 Lancaster Street, Portland, Maine; and

WHEREAS, Portland has initiated the process of seeking to purchase or take the Facility through the power of eminent domain; and

WHEREAS, Portland and EPIM are engaged in litigation related to Portland's efforts to initiate the process of eminent domain in connection with the Facility and the applicability and constitutionality of a certain ordinance, Portland City Code Chapter 31, §§ 31-1 to 31-12, adopted by Portland on September 8, 2004, and modified on January 3, 2005, governing scrap metal recycling facilities (the "Ordinance") and the rules adopted pursuant to the Ordinance approved by Portland on January 3, 2005 (the "Rules"); and

WHEREAS, EPIM has contested the City's power to take the Facility through the power of eminent domain and is also contesting the City's power to enact the Ordinance and Rules; and

WHEREAS, both the condemnation or purchase process and the Ordinance and Rules require environmental testing of the Facility; and

WHEREAS, the City, in cooperation with the Maine Department of Environmental Protection (DEP), has offered to arrange and pay for environmental testing by Woodard & Curran, Inc., an engineering testing company under contract to DEP that will meet the requirements of the Ordinance and Rules; and

WHEREAS, under the circumstances, Portland and EPIM wish to reach an agreement regarding such testing and the location of monitoring wells on the Facility.

ARTICLES

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Portland and EPIM agree as follows:

1. Pending Litigation.

(a) Upon execution of this Agreement, Portland and EPIM shall immediately take all reasonable action to dismiss with prejudice and without costs the following pending litigation

between the parties: City of Portland v. E. Perry Iron and Metal, Inc., Docket No. CUM-04-702 in the Law Court.

2. Locating Sites for Testing and Monitoring Wells. EPIM shall allow John Tewhey of Tewhey Associates, as a representative of the City, a representative of Woodard & Curran, and a representative of DEP, if DEP chooses to send a representative, to enter EPIM's Facility for the sole purpose of identifying locations on the sites that shall be used for Geoprobe test boring and the installation of monitoring wells. The locations for boring and monitoring wells will be one and the same and will not be in locations that interfere with the normal operation of EPIM's business.

The date and time at which Tewhey Associates, Woodard & Curran, and a representative of DEP, if any, access the Facility for the purpose of identifying the locations for Geoprobe test boring and monitoring wells shall be established at least forty-eight (48) hours in advance by mutual agreement between John Tewhey of Tewhey Associates and Alan Lerman of EPIM and his environmental representative.

3. On-Site Work. The Geoprobe boring, installation of monitoring wells and testing shall be conducted by Woodard & Curran under an agreement with DEP. The testing devices and monitoring wells will be placed outside areas of traffic in the Facility and in a manner that minimizes the risk of injury to people or property and minimizes inference with EPIM's business operations.

4. Testing Scope. The testing performed on EPIM's property shall be consistent with the work plan provided by Tewhey Associates attached hereto as Attachment 1.

5. Damage to Underground Facilities or Other Property in the Facility. The City shall undertake all reasonable precautions to avoid damage to the Facility including, without limitation, underground facilities, and shall repair forthwith any damage to the Facility including, without limitation, underground facilities, caused by or otherwise related to the testing.

This obligation shall only be in effect if EPIM notifies the City of the damage in writing, within thirty (30) days of the date upon which the damage becomes apparent to EPIM. The City shall be responsible to undertake all reasonable inspections in connection with any testing and immediately advise EPIM of any damages to the Facility, including underground utilities caused by such testing.

6. Defense and Indemnification. The City hereby releases and agrees to indemnify and hold harmless EPIM, its agents, officers and employees from any and all liability, actions, damages and claims of any kind and nature whatsoever for bodily injury, harm or property damage, including attorneys' fees and costs, that may arise or occur as a result of the testing operation contemplated by this Agreement. Notwithstanding this indemnification, in no event will the City be liable for any claims which arise out of or are a result of any pollution or contamination at the Facility which exists as of the date of this Agreement, unless caused or otherwise exacerbated by or on behalf of the City.

7. Draft Borings and Laboratory Results. The City shall furnish EPIM, without charge, with draft borings from the logs from the Geoprobe testing within two (2) weeks of drilling and the laboratory results and reports as soon as they become available to the City and all other documents received by the City in connection with the testing, inspections and any damages caused by the testing.

8. Reporting of Test Results. The results of the testing shall be reported to DEP as well as the City and EPIM.

9. Satisfaction of Environmental Requirements. If the results of the testing are within the DEP guidelines incorporated by reference into the City's Ordinance, at a level that does not require remediation under the Ordinance, then EPIM, will be deemed to have satisfied all of the environmental requirements for obtaining a license under the Ordinance.

10. EPIM Representative. During the site visit necessary to identify the locations for testing, when the testing is being conducted, when the monitoring wells are being installed, and at any other times relevant to the purpose of this Agreement, EPIM shall have the right to have a representative accompany Tewhey Associates and Woodard & Curran's agents and employees in connection therewith.

11. Resolution of Disputes under this Agreement. Disputes that cannot be resolved by the parties under this Agreement shall be resolved by arbitration as follows:

A written Notice of Dispute and Request for Arbitration shall be sent to the other party. The parties shall agree on an arbitrator within three (3) days of the receipt of the notice. If the parties cannot agree on an arbitrator each party shall, within two (2) days, designate a representative not employed or connected to the party and the two representatives shall, within five (5) days of being appointed, name the arbitrator. The arbitrator shall hear the case and decide it within thirty (30) days of appointment. The decision shall be final and not appealable. The arbitrator shall award the prevailing party its costs and attorneys fees.

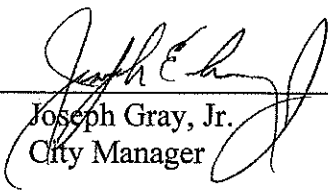
12. Amendments. This Agreement may only be amended in writing with the consent of both parties.

13. Miscellaneous. By execution of this Agreement, neither EPIM nor Portland concedes the validity of the positions the other party has taken either in the Lawsuits or in related matters. This Agreement shall be governed by the laws of the State of Maine. This Agreement constitutes the entire agreement between the parties and supersedes any and all other agreements, understandings, negotiations, or discussions, either oral or in writing, express or implied, between the parties.

Portland and EPIM have caused this Agreement to be executed in their respective corporate names and their respective corporate seals to be hereunto affixed and attested by the duly authorized officers, all as of the date first above written.

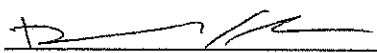
WITNESS:

CITY OF PORTLAND


By: 

Joseph Gray, Jr.
City Manager

WITNESS:



E. PERRY IRON & METAL CO., INC

By: 

Alan Lerman, Its President

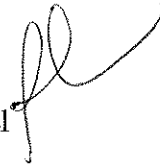
**CITY OF PORTLAND, MAINE
M E M O R A N D U M**

TO: Rick Knowland, Planning

FROM: Penny Littell, Corporation Counsel

DATE: June 14, 2005

RE: E. Perry Transcript



Enclosed please find the transcript deposition taken in the above mentioned action on May 31, 2005. Please review and follow the instructions for any corrections necessary and then sent back to me.

BOYCE & LEIGHTON
Plaza East Professional Offices
Post Office Box 954
Scarborough, Maine 04074
(207)883-0378

JUN 14 2005

June 13, 2005

Penny Littell, Esq.
Portland City Hall
389 Congress Street
Portland, ME 04101

RE: E. Perry Iron & Metal Co., Inc. v. City of Portland

Enclosed please find your copy of the depositions of John Tewhey and Richard Knowland, Jr., taken in the above-mentioned action on May 31, 2005. Also enclosed is the original signature page and a sheet for corrections.

Please have John Tewhey and Richard Knowland, Jr. read your copy of the deposition and sign the original signature page before a Notary Public. If there are any corrections they wish to make, they should be made on the enclosed correction sheet. Do not mark on the transcript.

Please send a copy of the signed original signature page and correction sheet within 30 days to other counsel.

Thank you.

THE ORIGINAL DEPOSITION OF RICHARD KNOWLAND, JR. SHOULD
INCLUDE THE FOLLOWING CORRECTIONS:

Page Line Change from this To this

RICHARD KNOWLAND, JR.

I, RICHARD KNOWLAND, JR., do hereby certify that the foregoing testimony taken on May 31, 2005 is true and accurate to the best of my knowledge and belief.

DATE

RICHARD KNOWLAND, JR.

At _____ in said County of _____, this day of _____, 2005, personally appeared RICHARD KNOWLAND, JR., and he made oath to the truth of the foregoing answers by him subscribed.

Before me, _____, Notary Public

My Commission Expires: _____

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STATE OF MAINE

CUMBERLAND, SS.
DOCKET NO. CV-04-720

SUPERIOR COURT
CIVIL ACTION

E. PERRY IRON & METAL CO., INC.,)
)
Plaintiff)
)
vs.)
)
CITY OF PORTLAND,)
)
Defendant.)

COPY

30(b)(6) DEPOSITION OF CITY OF PORTLAND, taken
before Sheri DeBlieux, Notary Public, pursuant to notice
dated May 18, 2005, at the offices of Tompkins, Clough,
Hirshon & Langer, P.A., Three Canal Plaza, 6th Floor,
Portland, Maine on May 31, 2005, commencing at 12:45
p.m.

APPEARANCES:

Marshall J. Tinkle, Esq.
Penny Littell, Esq.

Sheri DeBlieux, RPR
BOYCE & LEIGHTON
Post Office Box 954
Scarborough, Maine 04074
(207) 883-0378

1
2 STATE OF MAINE
3 CUMBERLAND, SS. SUPERIOR COURT
4 DOCKET NO. CV-04-720 CIVIL ACTION
5
6 E. PERRY IRON & METAL CO., INC.,)
7 Plaintiff)
8 vs.)
9 CITY OF PORTLAND,)
10 Defendant.)
11
12 30(b)(6) DEPOSITION OF CITY OF PORTLAND, taken
13 before Sheri DeBlieux, Notary Public, pursuant to notice
14 dated May 18, 2005, at the offices of Tompkins, Clough,
15 Hirshon & Langer, P.A., Three Canal Plaza, 6th Floor,
16 Portland, Maine on May 31, 2005, commencing at 12:45
17 p.m.
18
19 APPEARANCES:
20 Marshall J. Tinkle, Esq.
21 Penny Littell, Esq.
22
23 Sheri DeBlieux, RPR
24 BOYCE & LEIGHTON
25 Post Office Box 954
Scarborough, Maine 04074
(207)883-0378

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1 RICHARD KNOWLAND, JR., having been duly sworn by the Notary
2 Public, was deposed and testified as follows:
3 EXAMINATION - BY MR. TINKLE:
4 Q. Good afternoon, Mr. Knowland. My name is Marshall
5 Tinkle. I'm going to be asking you a few questions
6 concerning a lawsuit between the City and E. Perry Iron.
7 State your full name for the record.
8 A. Richard W. Knowland, Jr. Most people call me Rick.
9 Q. May I call you Rick?
10 A. Absolutely.
11 Q. What's your address?
12 A. 27 Clifford Street in South Portland.
13 Q. Have you ever had your deposition taken before?
14 A. A long time ago.
15 Q. Let me just go over the rules. I'm sure Penny has
16 filled you in. But basically the few things I always
17 like to tell people about is, first of all, as you can
18 see, everything we say is being taken down by the court
19 reporter. So it's important to have an accurate
20 transcript that you answer all the questions using
21 words. Usually when we're speaking to one another
22 informally, we use gestures a lot. We're not even aware
23 of it. But could you just make sure you answer all my
24 questions with words, "yes" or "no," rather than
25 "uh-huh" or a nod of the head?

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1 A. Sure.
2 Q. And second, it's also important that you wait until I
3 finish my question before you start answering even if
4 you think you know where I'm going because otherwise
5 we'll both be talking at the same time. It will be
6 difficult for the court reporter.
7 A. Sure.
8 Q. Also, I don't expect you to guess at answers. If
9 there's a question that you don't know, will you just
10 let me know that?
11 A. Yes.
12 Q. And finally, if you don't understand a question that I
13 ask, will you let me know that so I can rephrase the
14 question?
15 A. Yes.
16 Q. I'll show you what's been already marked City deposition
17 Exhibit 1. It's the notice of deposition. Have you
18 seen that before?
19 A. I believe I have, yes.
20 Q. The fourteen areas that -- where there are requests for
21 designation, I understand you've been designated on
22 issues one, two, three, four, seven, eight, eleven,
23 twelve, thirteen, fourteen. Is that your understanding?
24 A. I will answer all questions, yeah.
25 Q. Have you seen the request for production of documents at
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1 the end of this notice?
2 A. I have.
3 Q. And I understand it's the City's position that any
4 documents that have been requested have already been
5 produced. You didn't bring any documents with you
6 today, did you?
7 A. I did not. I believe Penny has a notebook full of
8 documents.
9 Q. Are you aware of any documents setting forth or
10 describing any ordinances, statutes, regulations, rules,
11 laws or the like that were consulted in the drafting of
12 the Scrap Metal/Recycling Facility Ordinance or the
13 regulations promulgated under the ordinance?
14 A. I am, yes. I could not tell you precisely what dates
15 those documents are. In looking at the notebook that
16 Penny provided, I would certainly recognize those
17 documents.
18 Q. So in other words, any documents that were consulted in
19 the drafting of the Scrap Metal/Recycling Facility
20 Ordinance were already produced?
21 A. Yes.
22 Q. What's your understanding of what documents were
23 consulted in the drafting of the Scrap Metal/Recycling
24 Facility Ordinance?
25 A. What documents were used as the basis for it?
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5

1 Q. Yes.
2 A. Is that your question? First of all, they were drafted
3 by Gary Wood or his associates, so I did not draft the
4 ordinance myself. I did provide comments. I can recall
5 referencing the state provisions for similar types of
6 uses. And I believe the Tewhey reports were also
7 consulted with.
8 Q. And when you refer to state statutes, are you referring
9 to the statute on junkyards and automobile graveyards?
10 A. I believe that's the case, yes.
11 Q. Is there any other statute that was consulted?
12 A. I believe there are D.E.P. standards that were used as a
13 reference in the initial drafting of the ordinance.
14 Because the original ordinance that was presented
15 before, I believe it was a public safety meeting, there
16 was an ordinance that Gary drafted and then some of the
17 specific standards for the chemical or the allowable
18 chemical contamination levels. Those were -- those came
19 from a D.E.P. document.
20 Q. Do you know specifically what document that was?
21 A. I can't recall. I recall it was a technical document,
22 and it was referenced in that, what I believe to be the
23 first draft that was presented at a public safety -
24 excuse me - a city council public safety meeting.
25 Q. Are you aware of any documents setting forth or
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6

1 describing comparable ordinances affecting any industry,
2 facility, person or entity in Portland other than scrap
3 metal recycling facilities?
4 A. Are you saying a comparison chart comparing this
5 ordinance with other ordinances?
6 Q. Not a chart, but any ordinance that provides similar
7 regulations for some other entity or facility besides
8 scrap metal recycling facilities.
9 A. Our zoning ordinances is about three inches thick and
10 there are a variety of regulations for certain types of
11 uses. For example, there's an odor ordinance. The
12 downtown zoning has a lot of pages to it. The
13 waterfront zoning is pretty comprehensive too. So that
14 would be my -- so that would be my knowledge of it.
15 Q. But you're aware that this ordinance is a licensing
16 ordinance and not a zoning ordinance; correct?
17 A. I am aware that it is a licensing, yes.
18 Q. Are there other licensing ordinances that are comparable
19 to the Scrap Metal/Recycling Facilities Ordinance?
20 A. I'm not that familiar with licensing ordinances, to be
21 honest with you.
22 Q. Are you familiar with anything in the zoning ordinance
23 that regulates other entities the way that the scrap
24 metal and recycling facilities ordinance regulates scrap
25 metal recycling facilities?
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7

1 A. I would say that different uses have different impacts.
2 And I talk about the downtown zoning, which is pretty
3 complex. The odor ordinance, which I'm not that
4 familiar with, it is my understanding that is fairly
5 comprehensive also. But I'm not familiar with other
6 types of licensing provisions.
7 Q. Are you aware of any documents reflecting or relating to
8 any computation or study of the costs of this Scrap
9 Metal/Recycling Facilities Ordinance or the regulations
10 for those that are affected by the ordinance or any
11 cost-benefit analysis?
12 A. Okay. That's a long question. Let me answer it.
13 Q. Why don't I break it up.
14 A. Thank you.
15 Q. It's really two parts.
16 A. Yeah.
17 Q. Are you aware of any documents that relate to study of
18 the cost of the ordinance to the affected facilities?
19 A. The answer would be no. But I've seen documents or I've
20 heard estimates on how much it would cost to conduct
21 tests on the site. I've also heard estimates on what it
22 might cost to clean up a scrapyard site, and those
23 estimates would have been from or generated by John
24 Tewhey.
25 Q. Are you aware of any cost-benefit analysis concerning
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8

1 the ordinance or regulations?
2 A. No.
3 Q. What did you do to prepare for today's deposition?
4 A. I went through my files. Penny also showed me files
5 that she had compiled.
6 Q. Do you recall specifically which documents you reviewed?
7 A. Yes, I could. I'm not going to probably remember each
8 and every one, but if I saw them, I would recognize
9 them.
10 Q. What are the primary ones you saw?
11 A. There's a whole lot of them. I remember seeing memos
12 from John Tewhey. I remember seeing the ordinance
13 provisions, miscellaneous correspondence. I saw an
14 e-mail that I had sent to Donna Cassavechia sometime
15 ago. Most of the documents look familiar, although it's
16 been a couple of years since I've seen them.
17 Q. Did you talk to anybody in connection with today's
18 deposition?
19 A. Other than Penny, no. And I told my supervisor that I
20 was going to the deposition.
21 Q. Who's your supervisor?
22 A. Alex Jaegerman.
23 Q. What's his official position?
24 A. His official position is director of -- this week it's
25 director of planning.
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9

1 Q. And what's your position?

2 A. My position is senior planner.

3 Q. How many people are in your department?

4 A. Okay. I got to ask a question. The division or the

5 whole department? There's a planning division, an

6 economic development division and then a housing and

7 inspection division.

8 Q. How about just in the planning division?

9 A. If you have a sheet of paper, I can figure it out, but I

10 can't -- this will only take a minute, less than that.

11 MS. LITTELL: Say ten. Ten.

12 A. Let's see. Eight desks, Alex, Sarah, two secretaries.

13 That is twelve people. Lee Irving, if you want to

14 include him as overall director of planning development.

15 Q. BY MR. TINKLE: So Mr. Irving is still working for the

16 City?

17 A. He is. He's had some serious surgery and so he's on

18 sick leave right now.

19 Q. I only ask this because I might need talk to him. As

20 far as you're aware, is he -- is he supposed to be

21 coming back?

22 A. Actually, I saw him yesterday, and he said, "I'll see

23 you in a couple of weeks." But I'm not sure if you're

24 familiar with the situation, but he's had very serious

25 surgery. And actually, I saw him at work yesterday for

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10

1 a couple of minutes, the first time he had been in the

2 office in I believe three months.

3 Q. How long have you worked for the City?

4 A. Since October 1980 or '81.

5 Q. And when you started what was your position?

6 A. I was a planner.

7 Q. And did you go from planner to senior planner or were

8 there any intermediate positions?

9 A. No. I went from planner to senior planner.

10 Q. How long have you been senior planner?

11 A. At least twenty years.

12 Q. And is there just one senior planner or is it like vice

13 presidents of a bank?

14 A. No, we don't have any vice presidents. There are one,

15 two, three senior planners by title. Yeah, three senior

16 planners by title.

17 Q. Who are the other senior planners?

18 A. The other senior planners are Bill Needelman.

19 Q. Can you spell his last name.

20 A. I'm probably going to misspell it. N-E-D --.

21 MS. LITTELL: N-E-E-D-E-L-M-A-N.

22 A. Oh, two Es. That's right. Barbara Barhydt is the

23 second one and me.

24 Q. BY MR. TINKLE: You're obviously familiar with the Scrap

25 Metal/Recycling Facilities Ordinance?

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11

1 A. Yes.

2 Q. You said that you weren't involved in drafting it; is

3 that correct?

4 A. I was not involved in drafting it. I did offer comments

5 on it.

6 Q. When did you offer comments?

7 A. I offered it several times when it was initial -- before

8 it was initially proposed at that first public safety

9 meeting, I offered some comments on it. And then more

10 recently, just before it passed - I can't recall the

11 date or time, but I did offer a comment or two on it. I

12 know I saw it.

13 Q. Was anybody else in the planning department involved

14 with commenting on the ordinance?

15 A. Alex was furnished a copy. I have vague recollection of

16 him -- yes, he did offer a comment on the ordinance. I

17 don't recall at what time, but I know he did. The other

18 logical person would have been Lee Irving, but I have no

19 recollection at all whether or not he did offer comments

20 on it. My gut reaction is no, but I don't know that for

21 a fact.

22 Q. What's your understanding of when the ordinance was

23 first drafted?

24 A. In terms of what?

25 Q. In terms of month and year.

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12

1 A. I guess I'd have to look it up. I -- off the top of my

2 head, I could not tell you. I can remember seeing some

3 drafts. And then there was a public safety meeting, and

4 I remember Peter O'Donnell was there and I remember

5 former councilor Jack Dawson was there. And that was a

6 milestone. Before that time, you know, I'm not sure

7 time frames.

8 Q. Was that Public Safety Committee meeting in November of

9 2002?

10 A. I got to ask you a question. There were two major city

11 council public safety meetings. Was that the first or

12 the second one of record? Because if that was the first

13 one, then I would say yes.

14 Q. I believe that was the first one.

15 MS. LITTELL: I have no idea.

16 A. When -- you don't remember Jack Dawson. That was three

17 years ago, so maybe -- I believe that's accurate. 2002

18 sounds about right.

19 Q. BY MR. TINKLE: Do you know whose idea the ordinance

20 was?

21 A. Actually, it was Councilor Peter O'Donnell had requested

22 that an ordinance be drafted because he was concerned

23 about the environmental issues associated with

24 scrapyards. And I remember that he had requested that

25 Gary Wood draft an ordinance and I remember Gary was --

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13

1 our corporation counsel office was really busy and Gary
 2 did draft it, but it was a little while after Peter's
 3 initial request for that.
 4 Q. The Public Safety Committee, is that a committee of the
 5 city council?
 6 A. It is.
 7 Q. There are three councilors on that?
 8 A. Three. I just want to make sure. I believe that to be
 9 the case, the Public Safety Committee. I believe that
 10 to be the case, the committee meeting that I went to.
 11 But it is a group of city councilors. There are three
 12 people on that committee.
 13 Q. Do you generally go to Public Safety Committee meetings?
 14 A. No. Very rarely.
 15 Q. Why did you attend the one where the ordinance was
 16 discussed?
 17 A. I was asked to attend, I believe, by Gary Wood.
 18 Q. And did he say why?
 19 A. Well, I had offered comments on it, on the ordinance,
 20 before this had implications for Bayside. So I was
 21 asked to attend.
 22 Q. Did you make those comments in writing?
 23 A. I may have done an e-mail. I may have said it verbally.
 24 They were not that significant a comment, to be honest
 25 with you.

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14

1 Q. Do you recall what was the substance of your comments?
 2 A. I may have had a comment about the screening. I may
 3 have had a question about what did a particular sentence
 4 mean. That's what I recall.
 5 Q. Do you know what falls under the Public Safety
 6 Committee's jurisdiction?
 7 A. I'm not familiar with all their activities, but I can
 8 tell you that I did attend a public safety meeting
 9 involving Great Diamond Island and the issue of golf
 10 carts. So I guess they get into a wide variety of
 11 issues.
 12 Q. Basically health and safety issues?
 13 A. I believe so.
 14 Q. And at the meeting who was on the committee?
 15 A. Peter O'Donnell, Jack Dawson. And I remember he made a
 16 comment how he wasn't going to be around when this was
 17 going to be enacted. And I cannot recall who the third
 18 councilor was or if there was a third councilor. Maybe
 19 that councilor just wasn't there at the time.
 20 Q. So you attended. And did Gary Wood attend also?
 21 A. Yes. He did the presentation on the ordinance and
 22 explained it.
 23 Q. And was anybody else present besides the committee
 24 members and you and Gary Wood?
 25 A. There were other people there. And I can't recall if

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15

1 there were representatives from the scrapyards there. I
 2 assume there were. I have vague recollections that at
 3 least one was. Alex Jaegerman may have been there. I'm
 4 not sure. I don't have a specific recollection about
 5 that.
 6 MS. LITTELL: Can we just take a break.
 7 (A recess was taken.)
 8 Q. BY MR. TINKLE: Rick, I'm going to show you a document I
 9 received from the City. It's marked City deposition
 10 Exhibit Number 6, which appears to be an agenda and
 11 minutes of the November 6, 2002 Public Safety Committee
 12 meeting. Have you ever seen this document before?
 13 A. I may have. It doesn't ring a bell off the top of my
 14 head, but I may have.
 15 Q. Would you know who drafted those minutes? It's not
 16 indicated.
 17 A. I don't know. I know the meetings were taped. Oh,
 18 actually, the committee asked me to share those issues
 19 with the Community Development Committee. So I'm going
 20 to speculate "me," that me is Gary Wood.
 21 MS. LITTELL: Not you.
 22 A. Not me. Not me.
 23 Q. BY MR. TINKLE: You think that Gary drafted that?
 24 A. I have no idea. I have put a copy of my overall memo to
 25 the C.D.C., so "I" I assume in this case is Gary. I'm

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16

1 assuming that's the person.
 2 Q. Do you recall that the Public Safety Committee wanted
 3 the issue shared with the Community Development
 4 Committee because public safety felt that there were
 5 issues concerning the ordinance that affected the
 6 development of Bayside?
 7 A. I note that sentence in these minutes, but I don't
 8 remember that being said at the meeting. That's not to
 9 say it didn't happen. I just don't remember it.
 10 Q. Have you gone to meetings in the Community Development
 11 Committee?
 12 A. Yes, I have.
 13 Q. Do you recall who was on the Community Development
 14 Committee the end of 2002?
 15 A. That would be total speculation on my part because I
 16 just don't remember. That is a matter of record
 17 somewhere, I'm sure.
 18 Q. Who was on the committee in 2004?
 19 A. If I were to give you an answer, I would be guessing, to
 20 be honest with you. I just don't remember. Jim,
 21 Councilor Cloutier, was probably on the committee at
 22 that time, but I don't know for sure.
 23 Q. Wasn't he the chair of the committee in 2004? If you
 24 don't know, that's okay.
 25 A. Yeah, I just don't know. I believe he's chair right

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17

1 now, so I don't know. Yes. Yes, I think that's -- yes,
2 he was chair in 2004, yes. Actually, was he Mayor last
3 year?
4 Q. Technically she's not supposed to help.
5 A. Oh, I'm sorry. I can't ask a -- okay. I'm sorry.
6 Q. It's not -- this isn't really just a test of how much
7 you know. I just -- who would know that?
8 A. Certainly the city manager's office. I'm sorry. I
9 should have just told you. The city manager's office
10 would know. Certainly the city clerk's office would
11 know. Jack Lufkin would probably know.
12 Q. I'm going to play you part of the recording of the
13 November 6, 2002 Public Safety Committee that you were
14 in attendance. I want to see if you can tell me after
15 you hear this who is speaking.
16 MR. TINKLE: If you could just take this down.
17 MS. LITTELL: Before you play the tape, I'm going
18 to object. I don't know where this tape came from, what
19 its authenticity is. And so it's sort of an unusual
20 process and I just for the record would like to state my
21 objection.
22 MR. TINKLE: Penny, I will represent to you that
23 this is a tape that you provided me that is marked on
24 it - I don't know whose writing this is, but somebody in
25 the City said "Public Safety November 6, 2002."
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18

1 Q. (Tape recording) John Tewhey is here. Any questions you
2 may have (inaudible). I want to state, folks, as chair
3 of this committee, the first thing that occurs to me
4 (inaudible) is not included (inaudible) included within
5 the definition (inaudible) for transfer stations
6 licensed by the state. Second, the main thing that I
7 want to address is that this is a considerable document,
8 and I did the best I could to digest it. The more I
9 read, the more I tried to work on it. I didn't get into
10 the appendices too much. I almost think it's too big of
11 an issue for this committee. I know this is a public
12 safety (inaudible). It's not inappropriate to bring to
13 this committee. But given the development in the
14 Bayside area and all that's going on there, the one part
15 of that whole Bayside thing that's been with us from the
16 very beginning has been the junkyards. And it would
17 seem to me that although it's not inappropriate for it
18 to be here, it would be more appropriate for it to be
19 either at or also at the Community Development Committee
20 because there's so much activity going on there.
21 There's statement in here that said that this is not to
22 try to move the junkyard somewhere else. Well, you and
23 I know that (inaudible) would go somewhere else. The
24 reality is that that isn't that hard. (End of tape
25 recording)
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19

1 MS. LITTELL: You're just asking, Marshall, who is
2 speaking?
3 Q. BY MR. TINKLE: Who is speaking?
4 A. I believe that to be the voice of Jack Dawson.
5 Q. Was he the chair of the committee at the time?
6 A. I don't remember. I know he was on the committee.
7 Q. Is there a city official that's responsible for
8 hazardous waste or pollution containment?
9 A. If the question is is there one person in the City, the
10 answer is probably no.
11 Q. Are there several people who have that task?
12 A. I know that in public works there are people that deal
13 with water quality issues concerning contaminants that
14 might be washed down into the City's sewer system.
15 There are people in public works that work on that. But
16 I don't know of others.
17 Q. Are you aware of anybody in public works who played a
18 role in generating the ordinance?
19 A. No.
20 Q. Did anyone else in the City play a role in generating
21 the ordinance?
22 A. If your question is generating, I believe the generator
23 was Gary Wood. In terms of offering comments, as I said
24 before, I offered comments on it. Alex offered some
25 comments on it. Mr. Irving, I don't know.
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20

1 Q. As far as you're aware, was anybody from the D.E.P.
2 consulted or did anybody from the D.E.P. offer comments?
3 A. I don't know.
4 Q. Are you aware of anyone from any other state agency that
5 offered comments or played any role with respect to the
6 ordinance?
7 A. I know of no other state agency that provided any
8 comments. But then again, I wasn't coordinating those
9 comments. That would have been corporation counsel's
10 office.
11 Q. So Gary Wood was really responsible for determining the
12 terms and scope of the ordinance. Is that fair to say?
13 A. I think that's fair to say.
14 Q. If anybody else was consulted about the ordinance, it
15 would have been he that consulted them?
16 A. Yes. When you use the term -- you use the term
17 agencies, state agencies, so my answers are correct.
18 Q. Yeah. Let me show you what's been marked Exhibit 9. Is
19 this the draft of the ordinance that was presented to
20 the Public Safety Committee November of 2002?
21 A. I couldn't tell you word for word if it was, but it has
22 all the characteristics of the draft that I originally
23 looked at.
24 Q. Was this draft presented to anybody else besides the
25 Public Safety Committee?
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1 A. In terms of a public body or -- or others in general?
2 Q. Yes.
3 A. Okay. I can tell you it was my understanding that this
4 draft was going to be sent to the various metals --
5 scrapyard people in town. John Tewhey received a copy
6 of this. People in the City received -- as I said, I
7 received a copy. Alex Jaegerman received a copy.
8 That's -- and it was obviously distributed at that
9 meeting. So that would be my knowledge in terms of
10 where it was distributed.
11 Q. Did you have anything to do with the dissemination of
12 the draft, or was that Gary Wood?
13 A. I may have been asked to send a copy to John Tewhey
14 because I was kind of the City's contact person with
15 John Tewhey, but -- and if I was given a copy, I would
16 have given it to Alex. But beyond that circle, I don't
17 remember sending it out to anyone other than I just
18 mentioned.
19 Q. In terms of gathering the necessary information to
20 prepare the ordinance, would that all have been done by
21 Gary Wood?
22 A. That was -- yes, I believe it was prepared by Gary. My
23 role in it was to offer comments.
24 Q. Did you have any discussions with anybody in the City
25 concerning the reasons for the ordinance?

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1 A. Discussions, I remember Gary mentioning that Councilor
2 O'Donnell wanted this, the ordinance.
3 Q. Your discussion was with Gary and not with Councilor
4 O'Donnell?
5 A. That's correct. I've never had a conversation with
6 Councilor O'Donnell on this, but I had heard on numerous
7 occasions from Gary that Peter wanted to have an
8 environmental ordinance drafted.
9 Q. Is it your understanding that sometime after 2002 Peter
10 O'Donnell decided not to pursue this ordinance?
11 A. I don't remember. He did say at that initial meeting
12 that he had some concerns about it. But after that I
13 don't have any recollection of what the pushing action
14 was for the provision.
15 Q. Have you discussed the ordinance with anybody besides
16 Gary Wood?
17 A. I've discussed it with Alex because he had some comments
18 on it.
19 Q. What were Alex's comments?
20 A. Probably similar to mine. I remember screening. We
21 talked about screening and maybe the soil tests
22 themselves. But I would describe them in my own
23 comments as superficial. I wouldn't say that they were
24 all that detailed.
25 Q. How about Alex's comments? Did he have any substantive

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1 comments about the soil testing?
2 A. I -- I said that, but I don't remember any specific
3 comments. To be honest with you, the ordinance seemed
4 to be pretty straightforward. It was technical in
5 nature. And so I did offer some comments, but I didn't
6 have any comments beyond that.
7 Q. Do you have any background in environmental testing?
8 A. I've been involved in the Bayside brownfields project
9 since 1997, so I have some knowledge. But whenever a
10 technical question comes up, I always consult with John
11 Tewhey, our environmental consultant.
12 Q. Let me just get your educational background starting
13 with where you graduated from high school.
14 A. Okay. I graduated from high school at Hopkinton High
15 School in Contoocook, New Hampshire. And you won't be
16 able to spell Contoocook. I can spell it for you if you
17 like.
18 Q. That would be good.
19 A. It's C-O-N-T-O-O-C-O-O-K. And then I have a bachelor of
20 science degree from the University of New Hampshire in
21 community development.
22 Q. When did you get that degree?
23 A. I left school in '75. My degree didn't follow me until
24 '77 or '78.
25 Q. Was that the end of your formal education?

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1 A. That was the end of my formal education. Since that
2 time I've taken some other -- I've taken some graduate
3 level courses at the University of Maine. I've taken a
4 few courses at Harvard, noncredit courses.
5 Q. Have you ever taken any course in hydrogeology?
6 A. Absolutely none.
7 Q. Or in environmental sciences?
8 A. Environmental sciences, yes.
9 Q. That was part of your college curriculum?
10 A. Right. That was a real long time ago.
11 Q. Was that like one basic course?
12 A. One basic course, yes.
13 Q. Is it true that the Public Safety Committee decided not
14 to adopt the ordinance?
15 A. At that first meeting, yes.
16 Q. Well, after that first meeting, did they do anything
17 further with it?
18 A. I'm a little bit unclear about the next step, to be
19 honest with you. I believe -- I believe there was
20 another -- I believe there was another public safety
21 meeting. I may or may not have been there attending.
22 Q. You don't recall whether you were there or not?
23 A. If there's a document that says that I was there, I was
24 there. But I have very vague recollections of a second
25 public safety meeting a year or so after that. I may or

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1 may not have been at that meeting.
2 Q. You didn't have any subsequent discussion after the
3 initial meeting at the Public Safety Committee with
4 anybody on the committee. Is that fair to say?
5 A. Yeah. I did not have any conversations with anyone on
6 that committee concerning the ordinance.
7 Q. When was your next involvement with the ordinance?
8 A. I cannot tell you when. I can remember seeing another
9 draft and I believe I offered some comments, but I can't
10 recall right now. But they weren't all that significant
11 because I thought the ordinance was pretty
12 straightforward. I can't recall the date.
13 Q. Had you ever seen a similar ordinance? I may have sort
14 of asked you this before, but just to ask it a different
15 way.
16 A. I don't recall. I may have, but I don't recall off the
17 top of my head.
18 Q. Are you aware that the ordinance was redrafted at some
19 point?
20 A. Yes.
21 Q. And did you have any input in the final draft?
22 A. I can -- I do recall seeing the second draft. I had
23 very minor comments, but that was about it. My workload
24 is pretty significant. And so it seemed like to me a
25 fairly straightforward ordinance, so I didn't have too
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1 many comments.
2 Q. What are your primary duties as senior planner?
3 A. I work on a bunch of different things. I do site plan
4 reviews. I work on projects related to Bayside.
5 Q. How long have you been involved with the whole Bayside
6 project?
7 A. Well, it started in 1997 when we received a grant from
8 the environmental -- U.S. Environmental -- U.S.
9 Environmental Protection Agency, and we received a
10 planning grant at that time. So we've been working on
11 planning-related issues in Bayside since then.
12 Q. When you say "planning-related issues," what are those
13 issues in a nutshell?
14 A. They involve a wide range of activities - soil testing,
15 remediation planning, concept planning for sites,
16 administration of the grants, applying for more grants,
17 coordinating and being involved with the various
18 committees that are involved in Bayside, the Bayside
19 Development Committee. And then there are subcommittees
20 involved with specific activities of Bayside planning
21 projects.
22 Q. And is the city council committee that deals with
23 Bayside is that the Community Development Committee?
24 A. The city council committee that deals with Bayside
25 issues, yes, is the Bayside Development -- is the
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1 Community Development Committee. However, the Bayside
2 Development Committee which was set up by the city
3 council is a group of about 25 or 30 people and they are
4 residents, citizens, businesses, property owners. And
5 that group provides input on implementing the Bayside
6 plan.
7 Q. But city officials are not a member of the Bayside
8 Development Committee?
9 A. Actually, it is chaired right now by Councilor Cloutier.
10 And in the past Councilor Smith was chair of the Bayside
11 Development Committee. And there are city councilors
12 that do attend those meetings. Normally it's just one
13 or two city councilors that attend those meetings.
14 Q. Do you know how long Councilor Cloutier has been chair
15 of the Bayside Development Committee?
16 A. I would have to look it up. He took on being chair
17 after Nathan Smith left office. Nathan Smith left
18 office last year.
19 Q. Was Councilor Cloutier on the committee when Nathan
20 Smith was the chair?
21 A. I don't recall. I could find out, but I don't recall.
22 Q. So again, the final draft of the new ordinance, was that
23 all done by Gary Wood?
24 A. I believe so.
25 Q. And if I wanted to ask about changes between the draft
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1 that's in front of you, Exhibit 9, and the final draft,
2 do you really know anything about that? Would I have to
3 ask Gary Wood?
4 A. I couldn't articulate those changes, to be honest with
5 you.
6 Q. Are you aware that in the final draft as opposed to the
7 Exhibit 9 draft it says that the planning department is
8 responsible for enforcing the ordinance?
9 A. Yes, I was aware of that.
10 Q. Did you have any discussion with Gary Wood about that
11 change?
12 A. I'm just trying to think. I remember there was some
13 discussion about what department would be -- logically
14 would enforce this. And I remember having a
15 conversation with Mark Adelson, who is head of the
16 housing and inspection division office, about that. And
17 either myself or Mark informed Mike Nugent, who's the
18 chief in inspection services, that he would have another
19 duty. I can recall that.
20 Q. So is Mike Nugent the person at the Department of
21 Planning and Development who is ultimately responsible
22 for enforcing this scrap metal ordinance?
23 A. Well, actually, I suppose the department head is
24 ultimately responsible for that, but I think Mike would
25 be the lower division person because their division does
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1 inspections. That being said, I believe I communicated
 2 to Mark Adelson. If not Mark, certainly Mike Nugent,
 3 that they would have a lot of resources in terms of an
 4 environmental consultant like John Tewhey to help them
 5 out.
 6 Q. Have you been involved with the enforcement of the
 7 ordinance at all?
 8 A. I have not, no.
 9 Q. So the person who has been is Mike Nugent?
 10 A. I don't know that for a fact.
 11 Q. It could be Lee Irving?
 12 A. I don't know.
 13 Q. Who's been acting as the department head in his absence?
 14 A. It's a co-chairmanship of Alex Jaegerman and Jack
 15 Lufkin.
 16 Q. Besides the Bayside Development Committee, is there also
 17 a -- what -- is there also something called Bayside
 18 team?
 19 A. Bayside team, yes.
 20 Q. What is the Bayside team?
 21 A. The Bayside team meets on Wednesdays to discuss issues
 22 that come up in Bayside. And the reason why that was
 23 done is because there's a variety of people within the
 24 department that are working on a variety of projects in
 25 Bayside. And so the idea was to try to coordinate

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1 efforts together.
 2 Q. Who's on the Bayside team?
 3 A. That would include myself, Alex Jaegerman, Jack Lufkin
 4 and other staff members that come to meetings from time
 5 to time, Wendy Cherubini, Nelle Hanig, who works in the
 6 economic development office, and Eric Labelle. No, I
 7 wouldn't call him a team member, but we invite him to
 8 our meetings from time to time because he's been -- he's
 9 a engineer in the City's public works office. So he
 10 does -- he's been working on some of the Bayside
 11 projects. And another person who left the City is Mark
 12 Adelson, who now works for the Portland Housing
 13 Authority. He was for a long time a Bayside team
 14 person.
 15 Q. When was the team formed?
 16 A. A couple of years ago. I don't remember the specific
 17 date.
 18 Q. When you say "a couple of years," do you mean somewhere
 19 around 2003?
 20 A. That sounds about right. It's a very informal thing.
 21 It was done just to coordinate efforts.
 22 Q. Who is the leader of the team?
 23 A. The leader of the team, I think by default myself.
 24 Q. And has that been true since it was formed?
 25 A. Yes. Because I called the first meeting.

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1 Q. Have there been discussions about the scrapyards at the
 2 team meetings?
 3 A. There have been discussions about the scrapyards at the
 4 team meetings.
 5 Q. Is that something that's been discussed extensively?
 6 A. I can tell you what the discussions have been. In terms
 7 of the scrapyard properties, there's been discussions of
 8 concept plans which we've done for a number of
 9 properties in Bayside. There's also been discussions of
 10 the efforts to relocate the scrapyards and the
 11 possibilities of finding another home for the
 12 scrapyards, relating to more recent conversations with
 13 this particular scrapyard.
 14 Q. Meaning E. Perry Iron?
 15 A. Right.
 16 Q. And have these discussions been on an ongoing basis?
 17 A. I would say ongoing, yes.
 18 Q. What are the concept plans?
 19 A. Concept plans - and they're at the office. Concept
 20 plans have been developed for most of Bayside and they
 21 show the redevelopment opportunities for sites.
 22 Q. So concept plans have been developed for the
 23 redevelopment of the scrapyard sites?
 24 A. They have, along with other properties.
 25 Q. And there have been more than one of these concept

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1 plans?
 2 A. Yes. I should probably use the term concept master
 3 plan, I guess would be a more appropriate term to use.
 4 Q. And do you have copies of those plans?
 5 A. Not with me, but I'd be happy to provide them to you.
 6 They're a matter of public record.
 7 Q. Did you play a role in drafting the concept master
 8 plans?
 9 A. Yes, I had input in them.
 10 Q. Who drafted them?
 11 A. The actual drafting was done by Sarah Marshall, who is
 12 our land planning consultant, and she works for
 13 Terrence, Dewan Associates of Yarmouth.
 14 Q. Were you also involved with the application for the
 15 E.P.A. funds?
 16 A. For the E.P.A. brownfields planning funds. I also
 17 applied for E.P.A. brownfields loan pool programs and
 18 then also a direct clean-up grant.
 19 Q. Were you involved with an application for HUD, H-U-D,
 20 brownfield funds?
 21 A. No.
 22 Q. Who was involved in that application?
 23 A. That would have been Mark Adelson.
 24 Q. How much has the City received so far in E.P.A. funds?
 25 MS. LITTELL: Just a minute. I'm going to --

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1 Marshall, at this point I'm going to let you ask a few
2 more questions, but I think you're getting far afield of
3 what you've identified in your deposition request. So a
4 global question or two is fine, but we're not going to
5 get into the whole specifics of the whole grant program.
6 You can go ahead and answer.
7 A. The total amount of money is about a million dollars.
8 Excuse me. Just about just over a million dollars.
9 Q. BY MR. TINKLE: Did the City seek to obtain funds for
10 environmental mitigation other than from E.P.A. and HUD?
11 A. Actually, indirectly we have the -- we talked to the
12 Maine D.E.P. and they were -- I'm sorry. You said
13 mitigation?
14 Q. Yeah. Cleanup, remediation.
15 A. Okay. And your question was E.P.A. and HUD?
16 Q. Any other sources of funds?
17 A. As I said, we have requested money from the E.P.A. And
18 then the HUD and the E.D.A. money I suppose is related
19 to mitigation in that it's redevelopment of properties.
20 Although, realistically we were going to be using the
21 E.P.A. money to actually do the mitigation. So I guess
22 the more straightforward answer would be the E.P.A.
23 money.
24 Q. Now, IDEXX was at one point involved with negotiations
25 with the City about moving to Bayside?
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1 A. Yes.
2 MS. LITTELL: Marshall, again, I'm just going to
3 caution you. You're doing fine.
4 MR. TINKLE: Okay.
5 Q. BY MR. TINKLE: That was yes?
6 A. Yes.
7 Q. Were you involved with those negotiations?
8 A. I did not negotiate directly with them. I was a staff
9 person working the project.
10 Q. Did you attend a meeting with Sebago Technics concerning
11 IDEXX in 2000?
12 A. I probably did.
13 Q. Was environmental mitigation discussed in that meeting?
14 MS. LITTELL: I'm going to object now. I'm going
15 to ask you not to answer. It has nothing to do with
16 this litigation whatsoever, nothing to do with the E.
17 Perry site, nothing to do with the complaint you alleged
18 against the City.
19 MR. TINKLE: You're instructing him not to answer?
20 MS. LITTELL: I am, based on the conversation we
21 had with Justice Delahanty this morning.
22 Q. BY MR. TINKLE: Are you going to follow your attorney's
23 advice and not answer?
24 A. I most certainly will.
25 Q. Do you recall Lee Irving saying at the meeting that
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1 there were numerous funding sources that were available
2 to us at environmental clean-up costs?
3 MS. LITTELL: I'm going to object again and
4 instruct him not to answer. If you're talking about an
5 IDEXX proposal and a meeting with Sebago Technics Rick
6 may or may not have been at. I'm instructing him not to
7 answer. Marshall, let's move on.
8 Q. BY MR. TINKLE: Aside from the meeting with IDEXX, do
9 you recall a meeting where Lee Irving said that there
10 were numerous funding sources available to offset
11 mitigation costs for environmental cleanup?
12 A. Can I remember a specific meeting that Lee Irving said
13 that? No. Would he have said it? I shouldn't say
14 that. Did he -- would he have said it? Probably. But
15 I can't remember a specific meeting where he said that.
16 Q. To your knowledge, other than the E.P.A. funds that
17 we've talked about, what are the other sources for
18 remediation that are available to the City?
19 MS. LITTELL: Marshall, can you please show me
20 where in your notice these items are discussed or
21 how --?
22 MR. TINKLE: It's a document --.
23 MS. LITTELL: Hold on. Or how it in any way
24 relates to the allegations you've made in your
25 complaint. Because we talked to the judge about this
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1 this morning, and I think you're going down a road that
2 is not germane to anything and not likely to lead to
3 admissible evidence.
4 MR. TINKLE: I'm just going to ask the one question
5 and then I'll drop it.
6 Q. BY MR. TINKLE: The question, is what other sources are
7 available to the City for environmental remediation in
8 Bayside besides E.P.A. funds?
9 A. I don't know the answer to that question. I know that
10 there is HUD money and I know there is E.D.A. money.
11 But what the specific fund criteria is for those funds,
12 I really don't know. I think that you can -- that you
13 can use money for redevelopment and you can call it
14 remediation. But that's the construction of the site,
15 and remediation occurs because of that.
16 Q. You said E.D.A. money?
17 A. I mentioned that the City does have E.D.A. money.
18 Q. What is E.D.A.?
19 A. Economic Development Administration.
20 Q. Is Housing and Neighborhood Services part of your
21 department?
22 A. Yes.
23 Q. Who is Aaron Shapiro?
24 A. Aaron Shapiro is head of that office. Mark Adelson was
25 the previous director until he moved on to the Portland
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1 Housing Authority.
2 Q. So Aaron Shapiro has been the director since Mark
3 Adelson left?
4 A. Well, there was an interim period he was like interim
5 director, but yes.
6 Q. I'm going to show you what's been marked Exhibit 10. I
7 have to get a clip. But could you identify that
8 document?
9 A. This is a document entitled "A New Vision for Bayside
10 Book One."
11 Q. Can you just look through it and let me know if that's
12 all of Book One.
13 A. I don't know if it includes all the pages, but it's
14 substantially here. There is a Book Two also.
15 Q. I'll show you what's been marked Exhibit 11. Is this a
16 complete copy of Book Two of the New Vision for Bayside?
17 A. It looks like it is substantially here.
18 Q. Do you have input in the drafting of either Book One or
19 Book Two?
20 A. Yes.
21 Q. Both?
22 A. Both.
23 Q. What was the extent of your involvement?
24 A. The consultant would draft -- draft documents, and I
25 would review it along with other staff members and
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1 provide input into the direction of the document and the
2 writing of the document.
3 Q. Who else provided input?
4 A. Alex Jaegerman. Alex. The planning director would have
5 provided some input to it. People on the Bayside
6 Development Committee would have provided input into it.
7 Mark Adelson had input into it. I know that Wendy
8 Cherubini provided input. Jack Lufkin provided some
9 input. But I would say it was primarily Alex and
10 myself.
11 MS. LITTELL: Marshall, just for the record, you
12 have -- you have a couple of pieces in here that aren't
13 numbered.
14 MR. TINKLE: That don't belong.
15 THE WITNESS: Oh, they're in the wrong order.
16 Which document are we looking at? I think they were in
17 the wrong order.
18 MS. LITTELL: They were.
19 MR. TINKLE: Is that -- is it complete now?
20 MS. LITTELL: I think it is.
21 MR. TINKLE: I assume we just copied what we had
22 been given.
23 A. Yeah. It's substantially here. There may be a page or
24 two missing, but it's substantially here.
25 Q. BY MR. TINKLE: And the New Vision for Bayside was
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1 approved by the city council; is that correct?
2 A. Yes.
3 Q. And was that on December 6, 1999?
4 A. Yes. As an element of the City's comprehensive plan.
5 Q. Did you help look for relocation sites for the
6 scrapyards?
7 A. I may have been asked, given my knowledge of the City,
8 "Do you know of any vacant parcels?" I may have been
9 asked that question and I probably would have said,
10 "Yes, I have some parcels in mind."
11 Q. Was that pretty much the extent of your involvement?
12 You weren't asked to coordinate the effort at relocation
13 or anything like that?
14 A. No.
15 Q. Who --?
16 A. The answer to your question, I was not asked to
17 coordinate that effort.
18 Q. Do you know who did coordinate that effort?
19 A. I would say Mark Adelson, Jack Lufkin and possibly Lee
20 Irving.
21 Q. I'm going to show you what has been previously marked
22 City Exhibit Number 5. It's a fax from John Tewhey,
23 carbon copy to you. Have you seen that before?
24 A. Yes.
25 Q. And that was Mr. Tewhey's report about relocation,
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1 possible relocation sites for New England Metal
2 Recyclers?
3 A. Yes.
4 Q. And did you have a discussion with Mr. Tewhey about
5 that?
6 A. I did.
7 Q. What was your discussion?
8 A. Well, I'm going to have to think. I know that John had
9 had ongoing discussions with the scrapyard owners. This
10 was an effort on the part of John to look at possible
11 options for them to relocate. I don't remember a
12 specific conversation about this, but I certainly
13 remember this fax.
14 Q. Did you do anything to follow up on that fax?
15 A. I would have shown this to other people in the City. I
16 would have talked to John about it. Beyond that, I'm
17 not sure what I did with this.
18 Q. I show you what's been previously marked Exhibit 6.
19 It's a memorandum to you from John Tewhey. Do you
20 recognize that document?
21 A. Yeah. That's my handwriting at the top. And this would
22 have been -- oh, okay. This -- I gave this to Mark
23 Adelson because there was the issue of -- issue of who
24 was going to be enforcing this. So I'm saying in this,
25 "Mark," Mark Adelson, "any thoughts about this?" I gave
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1 a copy to Mike, who Mike works for, Mark Adelson.
 2 Q. Is that Mike Nugent?
 3 A. Mike Nugent. And technically his office would have been
 4 enforcing this. And I told either -- I'm sure I told
 5 both of them that if that were to be the case that they
 6 would get professional environmental consulting to help
 7 them enforce the ordinance.
 8 Q. And has professional environmental consulting been
 9 obtained?
 10 A. Well, it's John Tewhey.
 11 Q. So John has agreed to help enforce the ordinance?
 12 A. Has he specifically said to me? I don't remember. He
 13 over the -- since '97 he has helped us in doing a
 14 variety of environmental consulting. So I guess the
 15 answer would be yes, but I don't -- you know, I don't
 16 know for sure.
 17 Q. Had you asked John Tewhey to prepare this report,
 18 Exhibit 6?
 19 A. I would have had a role in it. You're going to see my
 20 name in a lot of documents because I'm the contact
 21 person for John Tewhey in the City. And I was probably
 22 asked by someone in the City, perhaps Gary Wood, to get
 23 comments from John concerning the subject.
 24 Q. So basically somebody asked you to get comments from
 25 John and then you asked John and that's what he

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1 responded to?
 2 A. Yes.
 3 Q. And did you have any further involvement with this memo
 4 other than passing it off to Mark Adelson?
 5 A. I don't recall having any other action on this memo
 6 other than giving it to Mark and Mike and obviously
 7 distributing it within the City.
 8 Q. Have you had any direct contact with any of the scrap
 9 metal recycling facilities concerning this ordinance?
 10 A. Have I had any direct -- no.
 11 MR. TINKLE: I don't have any other questions for
 12 you. I think that -- I'm not trying to --.
 13 MS. LITTELL: Does this need to be on the record?
 14 MR. TINKLE: Yes. I'm going to have to take Gary
 15 Wood's deposition.
 16 MS. LITTELL: I'll have to see about that.
 17 MR. TINKLE: It's clear from this witness's
 18 testimony that he has very limited knowledge about the
 19 drafting of the ordinance, why it was drafted, how it
 20 was drafted.
 21 MS. LITTELL: To the contrary. I think Rick
 22 testified as to why it was drafted. Peter O'Donnell
 23 requested it. I think his testimony is very clear.
 24 MR. TINKLE: Well, he said that's what he was told
 25 by Gary Wood.

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1 MS. LITTELL: Why don't you send us something in
 2 writing why you need to take Gary's testimony and what
 3 information you haven't received from Tewhey or Rick
 4 today you didn't receive.
 5 MR. TINKLE: I'll put it in writing. But I can say
 6 right now on the record that it's very clear from this
 7 deposition that Gary Wood drafted the ordinance. He was
 8 responsible for deciding how it was going to be drafted.
 9 He was responsible for talking to anybody who had any
 10 input in drafting the ordinance, and he's the only one
 11 that can answer my questions concerning the ordinance.
 12 MS. LITTELL: Are you through?
 13 MR. TINKLE: Yes.
 14 MS. LITTELL: Okay. Thank you.
 15 MR. TINKLE: Also, I think that I'm going to need
 16 to talk to Mike Nugent or whoever it is that's actually
 17 supposed to be enforcing this ordinance.
 18 MS. LITTELL: Can you tell me how, Marshall, that
 19 that is relevant to the notice of deposition that you
 20 sent to us or to the two counts that you've alleged
 21 against the City? How is enforcement, how does that
 22 have anything to do with whether or not this ordinance
 23 is constitutional?
 24 MR. TINKLE: Because I've asked two questions that
 25 you haven't designated anybody on, who the ordinance

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1 applies to --.
 2 MS. LITTELL: Because I'm not going to designate
 3 anyone on that. The ordinance speaks for itself,
 4 period. There's nobody there that's going to say who
 5 this applies to.
 6 MR. TINKLE: Enforcement has to know.
 7 MS. LITTELL: The ordinance applies to whomever it
 8 says it applies to. It's like proving a negative,
 9 Marshall.
 10 MR. TINKLE: No. I need to talk to somebody from
 11 enforcement who can say who they're applying this to.
 12 MS. LITTELL: I'll provide somebody from
 13 enforcement to say who they're applying it to perhaps if
 14 you think -- I will go back and review your request once
 15 again. The ordinance applies to who it says it applies
 16 to.
 17 MR. TINKLE: Well, that doesn't answer the
 18 question.
 19 MS. LITTELL: I will respond to you in writing.
 20 MR. TINKLE: Who does it apply to?
 21 MS. LITTELL: I have told you that many times.
 22 MR. TINKLE: Who does it apply to? You say it
 23 applies to who it applies to.
 24 MS. LITTELL: I will tell you right now who it
 25 applies to.

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1 MR. TINKLE: I can read the ordinance.
 2 MS. LITTELL: Well, then that's your answer.
 3 That's who it applies to. It applies to anybody that
 4 receives, processes or stores any form of metal that is
 5 already scrapped or that is reduced to scrap for
 6 recycling or reuse and which handles, removes or
 7 disposes of waste as part of the process. The
 8 definition includes any of those automobile recycling
 9 facilities defined in 30(a). It does not include a
 10 transfer station license by the state. That's who it
 11 applies to. You don't need somebody else to come in and
 12 tell you what the definition is as to who it applies to.
 13 MR. TINKLE: I don't want the definition. I want
 14 to know who. Who are the entities?
 15 MS. LITTELL: It certainly applies to your client
 16 or we wouldn't be here it.
 17 MR. TINKLE: Let's assume it applies to my client.
 18 MS. LITTELL: It applies to anybody who comes in
 19 and says I'm a scrap metal recycling facility.
 20 MR. TINKLE: I want to know who it's being applied
 21 to now.
 22 MS. LITTELL: Okay. That's a different question
 23 than who does this apply to. Because this is an
 24 ordinance that applies citywide and it applies to anyone
 25 who qualifies under that definition.

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1 MR. TINKLE: Well, since it's been enacted, which
 2 hasn't been very long, I want to know who it's been
 3 applied to.
 4 MS. LITTELL: Okay.
 5 MR. TINKLE: And I think that would have to be
 6 somebody in enforcement who can answer that question,
 7 unless you have another idea. But that's what -- that's
 8 what I'm aiming for. I can tell you this, it's not
 9 going to take very long.
 10 MS. LITTELL: Well, I didn't expect to be this
 11 long. I think we can go off the record for this.
 12 (The deposition concluded.)
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STATE OF MAINE

1
 2
 3 I, Sheri DeBlieux, a Notary Public in and for the
 4 State of Maine, do hereby certify that pursuant to
 5 notice there came before me on May 31, 2005, the
 6 following named person to wit: RICHARD KNOWLAND, JR.,
 7 who was duly sworn to testify to the truth and nothing
 8 but the truth; that he was thereupon carefully examined
 9 upon his oath and his examination reduced to writing
 10 under my supervision; that this deposition is a true
 11 record of the testimony given by the witness.
 12 I further certify that I am neither attorney nor
 13 counsel for, nor related to, nor employed by any of the
 14 parties to the action in which this deposition is taken,
 15 and further, that I am not a relative or employee of any
 16 attorney or counsel employed by the parties hereto, or
 17 financially interested in this action.
 18 IN WITNESS WHEREOF, I have hereunto set my hand
 19 this _____ day of _____, 2005.
 20
 21
 22 _____
 23 Sheri DeBlieux
 24 My Commission Expires
 25 September 3, 2010

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THE ORIGINAL DEPOSITION OF RICHARD KNOWLAND, JR. SHOULD
 INCLUDE THE FOLLOWING CORRECTIONS:

Page _____ Line _____ Change from this _____ To this _____

RICHARD KNOWLAND, JR.

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RICHARD KNOWLAND, JR.

MAY 31, 2005

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I, RICHARD KNOWLAND, JR., do hereby certify that the foregoing testimony taken on May 31, 2005 is true and accurate to the best of my knowledge and belief.

DATE

RICHARD KNOWLAND, JR.

At _____ in said County of _____, this day of _____, 2005, personally appeared RICHARD KNOWLAND, JR., and he made oath to the truth of the foregoing answers by him subscribed.

Before me, _____, Notary Public

My Commission Expires: _____

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