• Consulting Hydrogeologists
• Engineers
• Environmental Scientists

Heindel and Noyes

P.O. Box 64709 Burlington, Vermont 05406-4709

802-658-0820
Fax 802-860-1014

October 27, 1997

Ms. Linda Elliot
Hazardous Materials Management Program
Sites Management
West Office Building
103 South Main Street
Waterbury, VT 05671-0404

Dear Linda:

I enclose for your review the results of our first phase of testing at the Sears property in South Burlington.

As you will note, we have not found much contamination outside the building except that monitoring well #7 which had low levels of PCE in ground water.

Inside the building, we found contamination at virtually every location we tested. Based upon our research on the facility use, we've identified approximately four potential plume areas. These have been identified on the site plan. Please note that the plume areas are schematic. At this point as we do not have enough information to actually discern the limits of the plume. Previous research on pipeline locations below the floor in the operations of the oil/water separator and the locations of the sump pump, are consistent with these sources of contamination.

I've also included our proposed Scope of Services to Sears to continue the investigation. Additional coreholes will be taken at the "green dot" locations shown on the site plan. These new borings will all be done through 8 inch floor cores. Our plan is to convert a number of these locations to water or air pumping locations so that we can run a pilot study to determine the efficacy of removing the contamination (*in situ* biologic degradation) in advance of Sears' departure.

I'll call to answer any questions you may have.

Best regards,

Jeffrey E. Noyes
Chief Hydrogeologist
JEN/jm
Enclosures

U:\PROJECTS\POMRLEAU\SEARS\ELLIOT.L1

• Consulting Hydrogeologists
• Engineers
• Environmental Scientists

Heindel and Noyes
P.O. Box 64709 Burlington, Vermont 05406-4709
802-658-0820
Fax 802-860-1014

FILE COPY

October 23, 1997

OCT 2 2 1997

VIA FACSIMILE

MAILED / FAXED / HD
X3

Mr. Scott Dumuth
Sears, Roebuck and Co.
Environmental Affairs
Dept. 824C, A2-158B, 333 Beverly Road
Hoffman Estates, IL 60179

Re: Pomerleau/Sears Investigation

Dear Scott:

I enclose for your review a copy of the site map and lab testing data which displays the current status of the Sears investigation. I would like to summarize in bullet form where I think we are and define what additional work needs to be done to determine the extent of contamination.

1. Additional contamination has been discovered (IMW-6) below the slab to the south of the sump pump #2. Chlorinated hydrocarbons, gasoline products, and a total petroleum hydrocarbon reading of 0.96 mg/L have been identified at this location. Please note that the TCE concentration at IMW-6 is also recorded at IMW-5 with trace below quantitation level in IMW-7 and MW-7. Our best current estimate of the direction of ground water flow below the building is southward. Therefore, we plan to install two additional wells to the south of this area in an attempt to define the limits of the plume. (See schematic plume site plan.)

(5 ppb)

2. PCE in exceedance of Vermont's ground water quality standards has been isolated at IMW-8 and SB-18. There is a common conduit connecting these points which is below the concrete slab.

   Please also note in this area that we have identified lead concentrations at 22 parts per billion to 73 parts per billion (see wells IMW-8 and SB-7). This is in exceedance of the State's ground water standard of 15 parts per billion. We have proposed three new borings south of the schematic plume shown on the site plan. We will need to collect soils samples for TCLP testing to see if subsoils will be classified as hazardous wastes.

3. The boring SB-12 adjacent to a sump pump #5 in the western extremity of the building also has significant contaminant load. Total petroleum hydrocarbon of 4.62 parts per billion were recorded alone with one unidentified peak. Two additional borings are planned in this area.

4. Significant TPH contamination also exists along the sub-slab conduit along the center line at the facility as shown at SB-9 and SB-11. Six additional borings are planned in this area.

While we believe that sufficient characterization has occurred in the eastern area where contamination was originally discovered, we recommend additional work around the sump pump 1 location, the sump pump 2 location, and the sump pump 5 location.

In completing this portion of the investigation, we have reached the limits of hand augering. At a number of locations, staff simply could not advance the augers against the compact soil and fill materials. Our revised scoping document also makes provisions for the importation of a small tripod mounted drill rig with 150 pound hammer so that we can determine the vertical extent of the contaminants. The presence of chlorinated hydrocarbons makes proper vertical characterization of the plume essential.

To date, all of our interviews with contractors does not indicate that bedrock will be a factor in our investigation. We would like to be able to collect split spoon samples at depth showing that contaminant has not advanced vertically downward to the bedrock aquifer. Contamination in the bedrock aquifer would likely change the way the state would view the severity of the problem.

A drawing of the facility and all of the laboratory data are following in the mail.

I'll follow up with a call briefly to discuss your thoughts on this. I've attached a revised Scope of Services for your review. Thank you for your assistance.

Best regards,

Jeff Noyes /jm

Jeffrey E. Noyes
Chief Hydrogeologist

JEN/jm
Enclosure

• Consulting Hydrogeologists
• Engineers
• Environmental Scientists

Heindel and Noyes
P.O. Box 64709 Burlington, Vermont 05406-4709
802-658-0820
Fax 802-860-1014

SEARS MAINTENANCE CENTER
SHELBURNE ROAD
SOUTH BURLINGTON, VERMONT

REVISED SCOPE OF SERVICES FOR SITE INVESTIGATION

October 23, 1997

OVERVIEW

Heindel and Noyes has completed its field investigation of the Sears property in accordance with June 24, 1997 Activities 1, 2, and 3. The work completed to date shows little if any contamination exists in the soil and ground water outside the building. However, within the footprint of the building, at nearly every location which was drilled and tested, different suites of contamination were found. These include:

A mineral spirits petroleum hydrocarbon plume at the eastern extent of the building, a TCE gasoline plume in the north central portion of the building, a PCE lead plume in the northwestern portion of the building, and an undifferentiated "oil" plume along the central core of the building. The following scoping document provides an additional schedule of services to finish definition of these plumes as best as possible. All additional work will be crafted in such a way that it can be used in the project's remediation system.

ACTIVITY #1:

Heindel and Noyes staff have determined that hand installation of borings through the floor cannot be advanced by more than approximately 2.0 to 2.5 feet. With the discovery of petroleum and chlorinated hydrocarbons, we feel it is necessary to "zero out" the depth to which contamination has penetrated.

None of the concentrations of chlorinated hydrocarbons detected to date suggest the presence of DNAPL. Nonetheless, there are violations of Vermont's Ground Water Quality Standards and need to determine the vertical extent of contamination below the foundation slab.

SEARS MAINTENANCE CENTER
SHELBURNE ROAD
SOUTH BURLINGTON, VERMONT

REVISED SCOPE OF SERVICES FOR SITE INVESTIGATION

ACTIVITY #1 (Continued)	
A series of 13 additional concrete borings are proposed at the locations shown on the site plan revised October 23, 1997. Additionally, eight concrete cores will be taken with the option of installing monitoring wells depending upon the observations made at the 13 individual locations. Eight to ten inch diameter cores will be removed to provide for visual and textural identification. Note that all of the borings to date have shown TBQ (0.80 mg/L) total petroleum hydrocarbon, or detectible hydrocarbons. These substances are not detectible with either the PID or by olfactory senses. Therefore, broad diameter holes are necessary for hand inspections.	
• Equipment rental: 5 days x $300/day	$1,500.00
• Driller indoor tripod device and/or jackhammer PVC device: 5 days x $1,000/day	5,000.00
• Staff: 2.0 staff x 11 hrs/day x 6 days x $35/hr.	4,620.00
• Samples: 15 samples via EPA Method 8260, 8100, lead $300/sample	4,500.00
• TCLP - 5 soil samples at $200/sample:	1,000.00
Subtotal of Activity #1:	**$16,620.00**
ACTIVITY #2:	
Reporting and data organization meetings, coordination, telephone conference.	
• Principal: 6 hrs x $70/hr.	420.00
• Staff: 30 hrs x $30/hr.	900.00
Subtotal of Activity #2:	**$1,320.00**
ACTIVITY #3:	
Reporting data organization and CAD.	
• 15 hrs x $35/hr.	**$525.00**
TOTAL ESTIMATED COSTS	**$18,465.00**

STANDARD TERMS AND CONDITIONS

1. This is not a not-to-exceed cost estimate. Costs will not exceed the total specified herein by more than 20% without prior authorization of the client.

2. This estimate is based on standard field conditions. Extreme weather conditions may result in increased costs.

3. Meetings and phone consultations outside this scope of services will be billed on a time-and-materials basis.

4. Terms of Payment: Net 30 days, regardless of the outcome of the results of our services, or the permit processes. Interest of 1.5% per month may be charged on balances more than 60 days overdue. Signer agrees to pay interest and any reasonable attorney and court fees for collection of overdue bills.

5. These rates are valid through December 31, 1997. Hourly billing rates, equipment rental charges, etc. are subject to change at that time.

Jeffrey E. Noyes, Chief Hydrogeologist _____ Date _____

Signature _____ Date _____

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

REPORT OF LABORATORY ANALYSIS

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997

PROJECT CODE: HNPS3573
REF.#: 110,518 - 110,523

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody.

Chain of custody indicated metals preservation in the field with HNO_3.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,518
STATION: IMW-6
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Digestion was performed by EPA Method 3010/3020.

Parameter	Concentration (mg/L, ppm)	Reporting Limit (mg/L, ppm)	Analytical Method	Analysis Date
Lead	ND[1]	0.020	SM 3113B	10/17/97
Mercury	ND	0.001	EPA 245.1	10/15/97
Cadmium	ND	0.005	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
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LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,519
STATION: IMW-8
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Digestion was performed by EPA Method 3010/3020.

Parameter	Concentration (mg/L, ppm)	Reporting Limit (mg/L, ppm)	Analytical Method	Analysis Date
Lead	0.073	0.020	SM 3113B	10/17/97
Mercury	ND[1]	0.001	EPA 245.1	10/15/97
Cadmium	ND	0.005	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,520
STATION: SB-7
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Digestion was performed by EPA Method 3010/3020.

Parameter	Concentration (mg/L, ppm)	Reporting Limit (mg/L, ppm)	Analytical Method	Analysis Date
Lead	0.022	0.020	SM 3113B	10/17/97
Mercury	ND[1]	0.001	EPA 245.1	10/15/97
Cadmium	ND	0.005	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,521
STATION: SB-8
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Digestion was performed by EPA Method 3010/3020.

Parameter	Concentration (mg/L, ppm)	Reporting Limit (mg/L, ppm)	Analytical Method	Analysis Date
Lead	ND[1]	0.020	SM 3113B	10/17/97
Mercury	ND	0.001	EPA 245.1	10/15/97
Cadmium	ND	0.005	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,522
STATION: SB-7/1.5
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Soil

Digestion was performed by EPA Method 3050.

Parameter	Concentration (mg/kg, dry wt.)	Reporting Limit (mg/kg, dry wt.)	Analytical Method PPM	Analysis Date
Lead	8.41	1.87	SM 3113B	10/17/97
Mercury	ND[1]	0.165	EPA 245.1	10/15/97
Cadmium	ND	0.467	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
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LABORATORY REPORT

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,523
STATION: MW-7
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Digestion was performed by EPA Method 3010/3020.

Parameter	Concentration (mg/L, ppm)	Reporting Limit (mg/L, ppm)	Analytical Method	Analysis Date
Lead	ND[1]	0.020	SM 3113B	10/17/97
Mercury	ND	0.001	EPA 245.1	10/15/97
Cadmium	ND	0.005	EPA 200.7	10/10/97

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

DUPLICATE CONTROL DATA

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,518
STATION: IMW-6
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Dup 1 (mg/L)	Dup 2 (mg/L)	Rel. % Diff.
Lead	ND[1]	ND	ND
Mercury	ND	ND	ND
Cadmium	ND	ND	ND

NOTES:
1 None Detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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FAX 879-7103

METALS LABORATORY REPORT

SPIKE CONTROL DATA

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 20, 1997
DATE SAMPLED: September 26, 1997
DATE RECEIVED: September 26, 1997

PROJECT CODE: HNPS3573
REF. #: 110,519
STATION: IMW-8
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Concentration (mg/L)[2]	Target (mg/L)	Spike Result (mg/L)	% Rec.
Lead	0.014	0.020	0.033	92.
Mercury	ND[1]	0.003	0.004	107.
Cadmium	ND	0.200	0.168	82.

NOTES:

1 None Detected

2 Spike performed on digestate. Unadjusted results presented here.

ENDYNE, INC.

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY RECORD

22912

Project Name: FOMERLEAU / SEARS Site Location: BURLINGTON, VT	Reporting Address: H+N	Billing Address: H+N # 96205
Endyne Project Number: HNPS.3573	Company: H+N Contact Name/Phone #: JEFF NUYES 658-0820	Sampler Name: E.S Phone #:

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
	IMW-1	H_2O	X		9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
	IMW-5				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,518	IMW-6				9-24-97 9-26-97	4	3-40 mL 1-500 mL	TPH 8100, 8260 Pb, Hg, Cd	HCL HNO_3		
	IMW-7				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,519	IMW-8				9-24-97 9-26-97	4	3-40 mL 1-500 mL	TPH 8100, 8260 Pb, Hg, Cd	HCL HNO_3		
	SB-4				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
	SB-5				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,520	SB-7				9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	
110,521	SB-8				9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	
	SB-9				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
	SB-11				9-24-97	3	40 mL				
	SB-12				9-24-97	2	40 mL				

Relinquished by: Signature	Received by: Signature	Date/Time 6/26/97 16:15
Relinquished by: Signature	Received by: Signature	Date/Time 9/26/97 4:35pm

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify).										

ENDYNE, INC.
32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY RECORD

22911

Project Name: POMERLEAU/SEARS Site Location: BURLINGTON, VT	Reporting Address: HYN	Billing Address: HYN #96205
Endyne Project Number: HNPS3573	Company: HYN Contact Name/Phone #: JN 658-0920	Sampler Name: ES Phone #:

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
	SB-18	H_2O	X		9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,522	SB-7/1.5	SOIL	X		9-26-97	1	500 mL		Pb, Hg, Cd	—	
110,523	MW-7	H_2O	X		9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	

Relinquished by: Signature [signature]	Received by: Signature [signature]	Date/Time 9/26/97 16:15
Relinquished by: Signature	Received by: Signature John Sullivan	Date/Time 9/26/97 4:35pm

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

REPORT OF LABORATORY ANALYSIS

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
DATE REPORTED: September 22, 1997
DATE SAMPLED: September 9, 1997

PROJECT CODE: HNPO1290
REF. #: 109,463 - 109,470

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody record.

Chain of custody indicated sample preservated with HCl.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy were monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

TOTAL PETROLEUM HYDROCARBONS (TPH) BY MODIFIED EPA METHOD 8100

DATE: September 22, 1997
CLIENT: Heindel and Noyes
PROJECT: Pomerleau-Sears
PROJECT CODE: HNPO1290
COLLECTED BY: L. Lapey
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997

Reference #	Sample ID	Concentration (mg/L)[1]
109,463	Field Blank; 300	ND[2]
109,464	MW-1; 605	ND
109,465	MW-2; 600	ND
109,466	MW-3; 510	ND
109,467	MW-4; 500	ND
109,468	MW-5; 450	ND
109,469	MW-6; 520	ND
109,470	MW-7; 505	ND

Notes:

1 Method detection limit is 0.8 mg/L.
2 None detected

ENDYNE, INC.
32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333

CHAIN-OF-CUSTODY RECORD

22894

Project Name: Pomerleau - Sears Site Location: Shelburne Rd, VT	Reporting Address: H&N	Billing Address: H&N
Endyne Project Number: HNP01290	Company: H&N Contact Name/Phone #: 658 0820	Sampler Name: L. Lapey Phone #: 658 0820

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time 9-9-97	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
109,463	Field Blank	H_2O			300	4	40mL		8260, 8100 TPH	HCl	
109,464	MW-1				605						
109,465	MW-2				600						
109,466	MW-3				510						
109,467	MW-4				500						
109,468	MW-5				450						
109,469	MW-6				520						
109,470	MW-7				505						

Relinquished by: Signature	Received by: Signature [signature]	Date/Time 9/10/97 10:30
Relinquished by: Signature	Received by: Signature Jason Woodard	Date/Time 9/10/97 11:45 A.M.

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
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REPORT OF LABORATORY ANALYSIS

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears/#96205
DATE REPORTED: October 14, 1997
DATE SAMPLED: September 24, 1997

PROJECT CODE: HNPS1571
REF. #: 110,496 - 110,506

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody record.

Chain of custody indicated sample preservation with HCl.

All samples were prepared and analyzed by requirements outlined in the referenced methods and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced methods.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy were monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
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LABORATORY REPORT

TOTAL PETROLEUM HYDROCARBONS (TPH) BY MODIFIED EPA METHOD 8100

DATE: October 14, 1997
CLIENT: Heindel and Noyes
PROJECT: Pomerleau/Sears
PROJECT CODE: HNPS1571
COLLECTED BY: ES
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1997

Reference #	Sample ID	Concentration (mg/L)[1]
110,496	IMW-1	TBQ[2]
110,497	IMW-5	TBQ
110,498	IMW-6	0.96
110,499	IMW-7	1.26
110,500	IMW-8	TBQ
110,501	SB-4	TBQ
110,502	SB-5	1.06
110,503	SB-9	1.95
110,504	SB-11	2.52
110,505	SB-12	4.62
110,506	SB-18	1.76

Notes:

1 Method detection limit is 0.8 mg/L.
2 Trace below quantitation limit

ENDYNE, INC.

32 James Brown Drive
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(802) 879-4333

HNPS 1572 / HNPS3523

CHAIN-OF-CUSTODY RECORD

110,496 — 110,523

22912

Project Name: FOMERLEAU / SEARS Site Location: BURLINGTON, VT	Reporting Address: H+N	Billing Address: H+N # 96205
Endyne Project Number: HNPS 1571	Company: H+N Contact Name/Phone #: JEFF NOYES 658-0820	Sampler Name: ES Phone #:

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
110,496	IMW-1	H_2O	X		9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,497	IMW-5				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,498	IMW-6				9-24-97 / 9-26-97	4	3-40 mL / 1-500 mL	TPH 8100, 8260 Pb, Hg, Cd	HCL / HNO_3		
110,499	IMW-7				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,500	IMW-8				9-24-97 / 9-26-97	4	3-40 mL / 1-500 mL	TPH 8100, 8260 Pb, Hg, Cd	HCL / HNO_3		
110,501	SB-4				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,502	SB-5				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
	SB-7				9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	
	SB-8				9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	
110,503	SB-9				9-24-97	3	40 mL		TPH 8100 / 8260	HCL	
110,504	SB-11				9-24-97	3	40 mL				
110,505	SB-12				9-24-97	2	40 mL				

Relinquished by: Signature [signature]	Received by: Signature [signature]	Date/Time 6/26/97 16:15
Relinquished by: Signature	Received by: Signature [signature]	Date/Time 9/26/97 4:35pm

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										

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HNPS 1572 / HNPS 3573

CHAIN-OF-CUSTODY RECORD

22911

110,496 — ~~110,499~~ 110,523

Project Name: POMERLEAU / SEARS Site Location: BURLINGTON, VT	Reporting Address: HVN	Billing Address: HVN # 96205
Endyne Project Number: HNPS1571	Company: HVN Contact Name/Phone #: JN 658-0820	Sampler Name: ES Phone #:

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
110,506	SB-18	H_2O	X		9-24-97	3	40 mL		~~TPH 8100~~ 8260	HCL	
	SB-7/1.5	SOIL	X		9-26-97	1	500 mL		Pb, Hg, Cd	—	
	MW-7	H_2O	X		9-26-97	1	500 mL		Pb, Hg, Cd	HNO_3	

Relinquished by: Signature [signature]	Received by: Signature [signature]	Date/Time 9/26/97 16:15
Relinquished by: Signature	Received by: Signature John Sull	Date/Time 9/26/97 4:35pm

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										

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Laboratory Services

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REPORT OF LABORATORY ANALYSIS

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997

PROJECT CODE: HNPO1289
REF. #: 109,455 - 109,462

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody.

Chain of custody indicated sample preservation with HCl.

All samples were prepared and analyzed by requirements outlined in the referenced method and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced method.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Individual sample performance was monitored by the addition of surrogate analytes to each sample. All surrogate recovery data was determined to be within Laboratory QA/QC guidelines unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,455
STATION: Trip Blank
TIME SAMPLED: 3:00
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 110.%
Toluene-d8 : 101.%
4-Bromofluorobenzene : 95.%

NOTES:
1 None detected

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,456
STATION: MW - 1
TIME SAMPLED: 6:05
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:
Dibromofluoromethane : 110.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 99.%

NOTES:
1 None detected

ENDYNE, INC.

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,457
STATION: MW - 2
TIME SAMPLED: 6:00
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 103.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 102.%

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,458
STATION: MW - 3
TIME SAMPLED: 5:10
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 103.%
Toluene-d8 : 101.%
4-Bromofluorobenzene : 101.%

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,459
STATION: MW - 4
TIME SAMPLED: 5:00
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 112.%
Toluene-d8 : 103.%
4-Bromofluorobenzene : 99.%

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,460
STATION: MW - 5
TIME SAMPLED: 4:50
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 102.%
Toluene-d8 : 103.%
4-Bromofluorobenzene : 100.%

NOTES:
1 None detected

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,461
STATION: MW - 6
TIME SAMPLED: 5:20
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 103.%
Toluene-d8 : 101.%
4-Bromofluorobenzene : 97.%

NOTES:
1 None detected

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,462
STATION: MW - 7
TIME SAMPLED: 5:05
SAMPLER: L. Lapey

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	1.0
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	TBQ[2]
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	2.7	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 111.%
Toluene-d8 : 102.%
4-Bromofluorobenzene : 101.%

NOTES:
1 None detected
2 Trace below quantitation limit

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EPA METHOD 8260 WATER MATRIX

MATRIX SPIKE AND DUPLICATE LABORATORY CONTROL DATA

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau-Sears
REPORT DATE: September 18, 1997
DATE SAMPLED: September 9, 1997
DATE RECEIVED: September 10, 1997
ANALYSIS DATE: September 17, 1997

PROJECT CODE: HNPO1289
REF.#: 109,462
STATION: MW - 7
TIME SAMPLED: 5:05
SAMPLER: L. Lapey

Parameter	Sample (ug/L)	Spike (ug/L)	Dup 1 (ug/L)	Dup 2 (ug/L)	Average % Recovery
1,1-Dichloroethene	ND[1]	20.0	15.5	15.8	78.%
Benzene	ND	20.0	21.5	22.5	110.%
Trichloroethene	TBQ[2]	20.0	21.5	21.7	108.%
Toluene	ND	20.0	20.9	21.8	107.%
Chlorobenzene	ND	20.0	21.7	20.9	107.%

NOTES:

1 None detected

2 Trace below quantitation limit

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HNP01290

CHAIN-OF-CUSTODY RECORD

22899

109,455 — 109,470

Project Name: Pomerleau - Sears Site Location: Shelburne Rd, VT	Reporting Address: H&N	Billing Address: H&N
Endyne Project Number: HNP01289	Company: H&N Contact Name/Phone #: 658 0820	Sampler Name: L. Lapey Phone #: 658 0820

Lab #	Sample Location	Matrix	GRAB	COMP	Date/Time 9-9-97	Sample Containers No.	Sample Containers Type/Size	Field Results/Remarks	Analysis Required	Sample Preservation	Rush
109,455	Field Blank	H_2O			300	4	40mL		8260, 8100 TPH	HCl	
109,456	MW-1				605						
109,457	MW-2				600						
109,458	MW-3				510						
109,459	MW-4				500						
109,460	MW-5				450						
109,461	MW-6				520						
109,462	MW-7				505						

Relinquished by: Signature	Received by: Signature J.G. Ottis	Date/Time 9/10/97 10:30
Relinquished by: Signature	Received by: Signature Jason Woodard	Date/Time 9/10/97 11:45 A.M.

New York State Project: Yes ____ No ____

Requested Analyses

1	pH	6	TKN	11	Total Solids	16	Metals (Specify)	21	EPA 624	26	EPA 8270 B/N or Acid
2	Chloride	7	Total P	12	TSS	17	Coliform (Specify)	22	EPA 625 B/N or A	27	EPA 8010/8020
3	Ammonia N	8	Total Diss. P	13	TDS	18	COD	23	EPA 418.1	28	EPA 8080 Pest/PCB
4	Nitrite N	9	BOD_5	14	Turbidity	19	BTEX	24	EPA 608 Pest/PCB		
5	Nitrate N	10	Alkalinity	15	Conductivity	20	EPA 601/602	25	EPA 8240		
29	TCLP (Specify: volatiles, semi-volatiles, metals, pesticides, herbicides)										
30	Other (Specify):										

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REPORT OF LABORATORY ANALYSIS

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997

PROJECT CODE: HNPS1572
REF. #: 110,507 - 110,517

Enclosed please find the results of the analyses performed for the samples referenced on the attached chain of custody.

Chain of custody indicated sample preservation with HCl.

All samples were prepared and analyzed by requirements outlined in the referenced method and within the specified holding times.

All instrumentation was calibrated with the appropriate frequency and verified by the requirements outlined in the referenced method.

Blank contamination was not observed at levels affecting the analytical results.

Analytical method precision and accuracy was monitored by laboratory control standards which included matrix spike, duplicate and quality control analyses. These standards were determined to be within established laboratory method acceptance limits.

Individual sample performance was monitored by the addition of surrogate analytes to each sample. All surrogate recovery data was determined to be within Laboratory QA/QC guidelines unless otherwise noted.

Reviewed by,

Harry B. Locker, Ph.D.
Laboratory Director

enclosures

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,507
STATION: IMW - 1
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 106.%
Toluene-d8 : 98.%
4-Bromofluorobenzene : 85.%

NOTES:
1 None detected

ENDYNE, INC.

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,508
STATION: IMW - 5
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	1.4
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	TBQ[2]	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 100.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 101.%

NOTES:
1 None detected
2 Trace below quantitation limit

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,509
STATION: IMW - 6
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	TBQ[2]
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	2.4
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	3.4
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	TBQ
cis-1,2-Dichloroethene	1	3.7	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	TBQ
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: >10[3]

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 107.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 104.%

NOTES:

1 None detected
2 Trace below quantitation limit
3 Unidentified peaks in this sample are Alkylated Benzenes ranging from 1-5 ug/L.

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,510
STATION: IMW - 7
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	TBQ[2]
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 101.%
Toluene-d8 : 98.%
4-Bromofluorobenzene : 103.%

NOTES:

1 None detected
2 Trace below quantitation limit

ENDYNE, INC.

Laboratory Services

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(802) 879-4333
FAX 879-7103

LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,511
STATION: IMW - 8
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	2.8
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	TBQ[2]
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 105.%
Toluene-d8 : 99.%
4-Bromofluorobenzene : 104.%

NOTES:
1 None detected
2 Trace below quantitation limit

ENDYNE, INC.

Laboratory Services

32 James Brown Drive
Williston, Vermont 05495
(802) 879-4333
FAX 879-7103

LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,512
STATION: SB - 4
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	TBQ[2]
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	TBQ
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 116.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 106.%

NOTES:

1 None detected
2 Trace below quantitation limit

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,513
STATION: SB - 5
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	1.4
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	TBQ[2]	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:
Dibromofluoromethane : 115.%
Toluene-d8 : 98.%
4-Bromofluorobenzene : 106.%

NOTES:
1 None detected
2 Trace below quantitation limit

ENDYNE, INC.

Laboratory Services

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,514
STATION: SB - 9
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 1[2]

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 100.%
Toluene-d8 : 99.%
4-Bromofluorobenzene : 106.%

NOTES:

1 None detected
2 The unidentified peak in this sample is an Aliphatic Hydrocarbon at approximately 5 ug/L.

ENDYNE, INC.

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,515
STATION: SB - 11
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	ND
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 103.%
Toluene-d8 : 98.%
4-Bromofluorobenzene : 105.%

NOTES:
1 None detected

ENDYNE, INC.

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,516
STATION: SB - 12
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	ND
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	1.1
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	1.5	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 1[2]

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 109.%
Toluene-d8 : 98.%
4-Bromofluorobenzene : 107.%

NOTES:

1 None detected
2 The unidentified peak in this sample is an Aliphatic Hydrocarbon at approximately 5 ug/L.

ENDYNE, INC.

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LABORATORY REPORT

EPA METHOD 8260 WATER MATRIX

CLIENT: Heindel and Noyes
PROJECT NAME: Pomerleau/Sears
REPORT DATE: October 9, 1997
DATE SAMPLED: September 24, 1997
DATE RECEIVED: September 26, 1996
ANALYSIS DATE: October 8, 1997

PROJECT CODE: HNPS1572
REF.#: 110,517
STATION: SB - 18
TIME SAMPLED: Not Indicated
SAMPLER: E.S.

Parameter	Detection Limit (ug/L)	Result (ug/L)	Parameter	Detection Limit (ug/L)	Result (ug/L)
Benzene	1	ND[1]	1,3-Dichloropropane	1	ND
Bromobenzene	1	ND	2,2-Dichloropropane	1	ND
Bromochloromethane	2	ND	1,1-Dichloropropene	1	ND
Bromodichloromethane	1	ND	cis-1,3-Dichloropropene	1	ND
Bromoform	1	ND	trans-1,3-Dichloropropene	1	ND
Bromomethane	5	ND	Ethylbenzene	1	ND
n-Butylbenzene	1	ND	Hexachlorobutadiene	5	ND
sec-Butylbenzene	1	ND	Isopropylbenzene	1	ND
tert-Butylbenzene	1	ND	p-Isopropyltoluene	1	ND
Carbon Tetrachloride	1	ND	Methylene Chloride	5	ND
Chlorobenzene	1	ND	Naphthalene	5	ND
Chloroethane	5	ND	n-Propylbenzene	1	ND
Chloroform	1	ND	Styrene	2	ND
Chloromethane	10	ND	1,1,1,2-Tetrachloroethane	2	ND
2&4-Chlorotoluene	2	ND	1,1,2,2-Tetrachloroethane	2	ND
Dibromochloromethane	1	ND	Tetrachloroethene	1	3.7
1,2-Dibromo-3-Chloropropane	2	ND	Toluene	1	ND
1,2-Dibromoethane	2	ND	1,2,3-Trichlorobenzene	2	ND
Dibromomethane	2	ND	1,2,4-Trichlorobenzene	2	ND
1,2-Dichlorobenzene	1	ND	1,1,1-Trichloroethane	1	ND
1,3-Dichlorobenzene	1	ND	1,1,2-Trichloroethane	1	ND
1,4-Dichlorobenzene	1	ND	Trichloroethene	1	TBQ[2]
Dichlorodifluoromethane	10	ND	Trichlorofluoromethane	2	ND
1,1-Dichloroethane	1	ND	1,2,3-Trichloropropane	1	ND
1,2-Dichloroethane	1	ND	1,2,4-Trimethylbenzene	1	ND
1,1-Dichloroethene	1	ND	1,3,5-Trimethylbenzene	1	ND
cis-1,2-Dichloroethene	1	ND	Vinyl Chloride	5	ND
trans-1,2-Dichloroethene	1	ND	Total Xylenes	2	ND
1,2-Dichloropropane	1	ND	MTBE	2	ND

NUMBER OF UNIDENTIFIED PEAKS FOUND: 0

ANALYTICAL SURROGATE RECOVERY:

Dibromofluoromethane : 107.%
Toluene-d8 : 100.%
4-Bromofluorobenzene : 108.%

NOTES:
1 None detected
2 Trace below quantitation limit