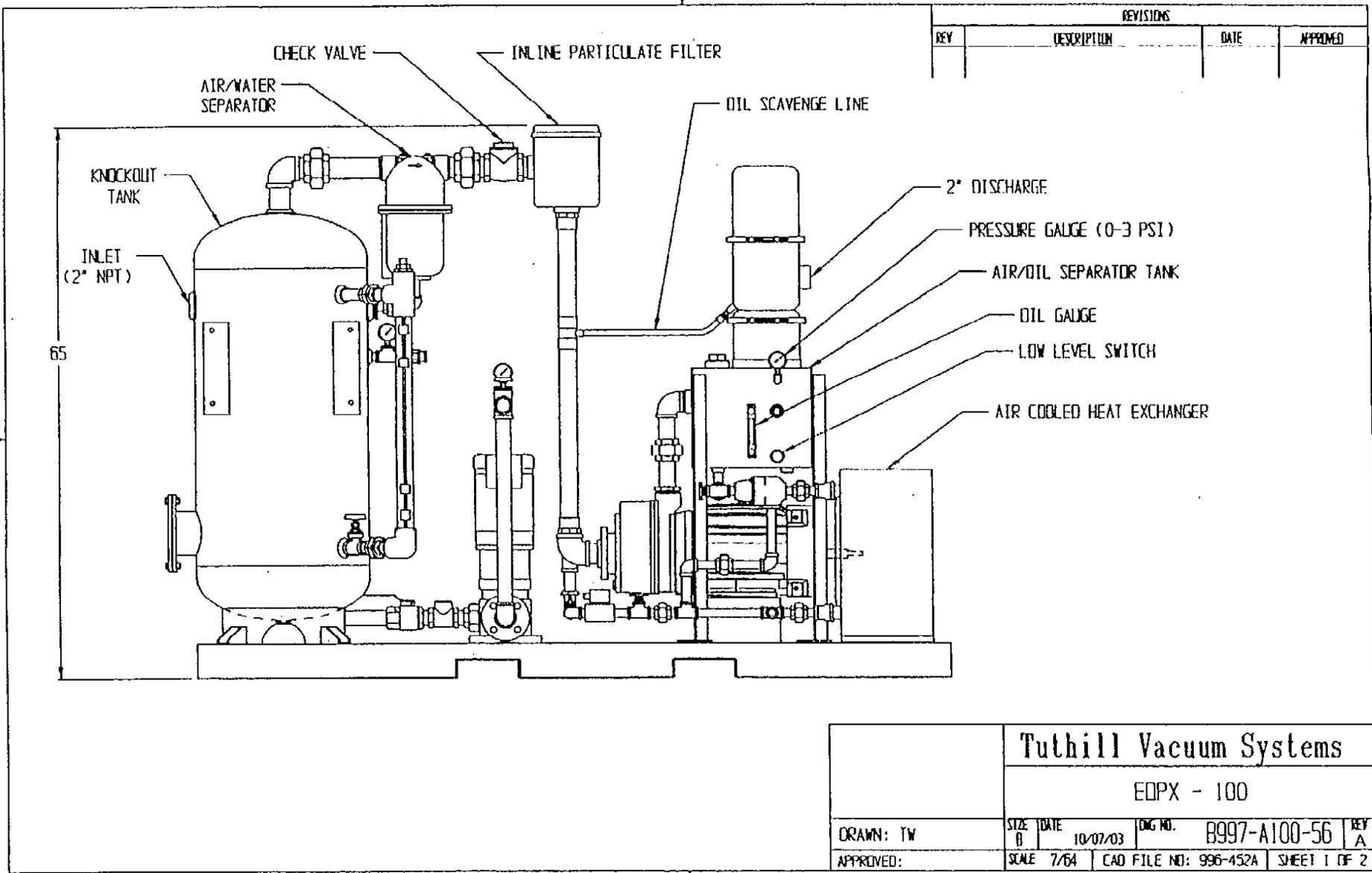
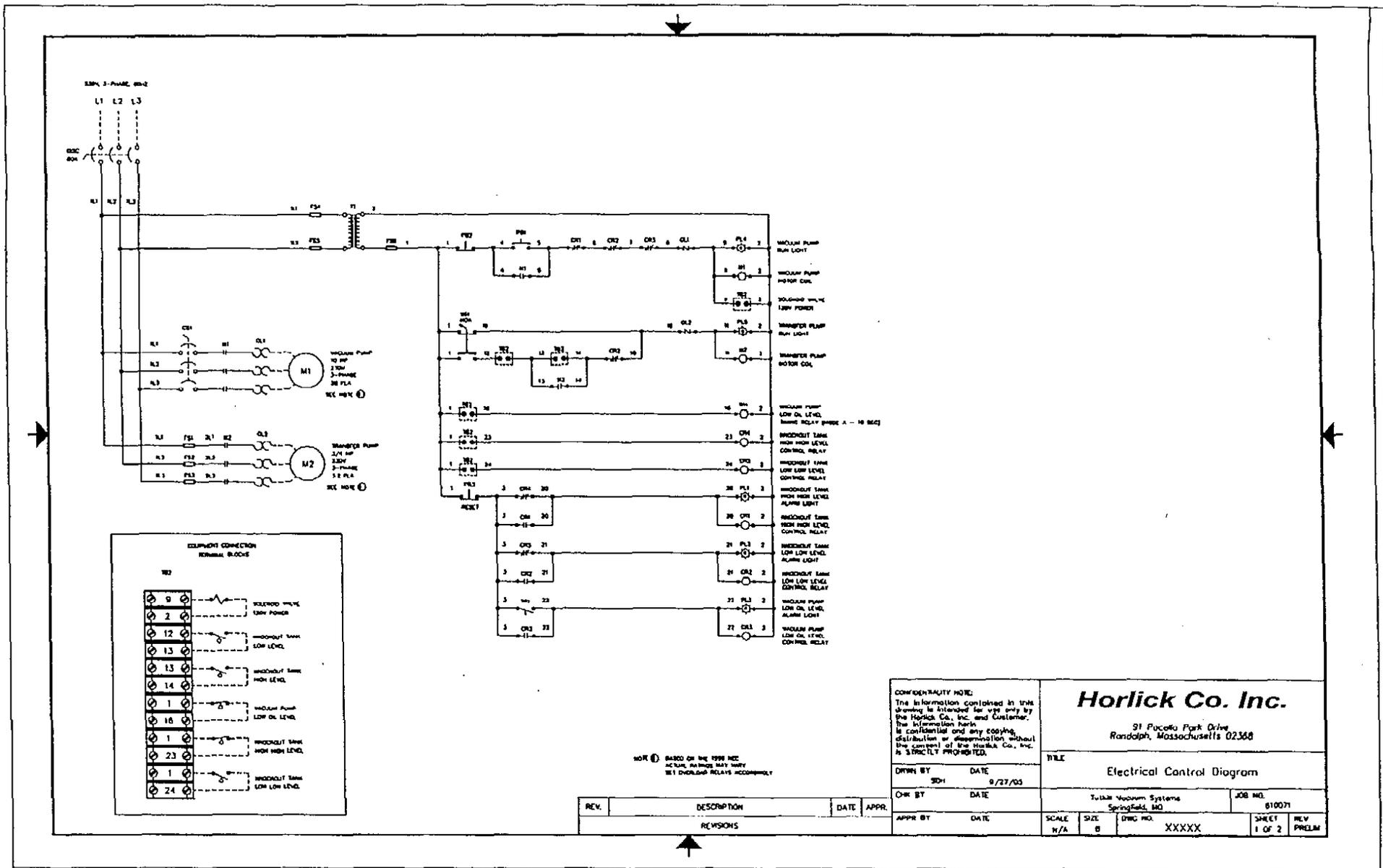


8. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22, including the following certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility/Site Name:	Silver Lake Keegan High School
Operator signature:	
Title:	Principal
Date:	1/25/2006





DRAWING NUMBER
610072

SUPPLIER: INNOVATIVE COMPONENTS
LIQUID LEVEL SWITCH: SERIES 1000
MODEL NO: 12-H-1114
STOCK NO: 92420

1. MOUNTING

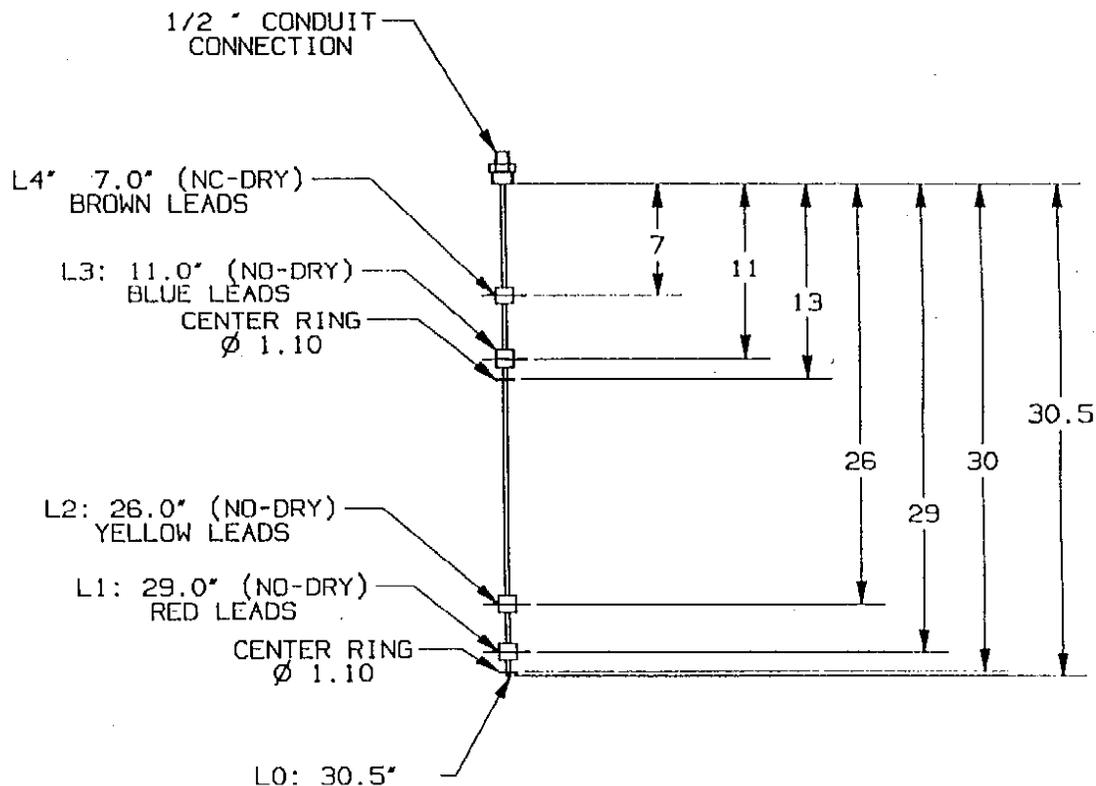
TYPE H
1" NPT x 1/2" NPT
MATERIAL: BRASS

2. ELECTRICAL

FOUR REED SWITCHES: 70 VA
WIRING: STYLE S (ALL SWITCHES INDEPENDENT)
LEAD LENGTH: 24"

3. FLOAT TYPE

PART NO: 11
DIMS: ϕ .998 x .998
MATERIAL: BUNA-N
S.G: .47



×	×	×	×	×	×	UNLESS OTHERWISE SPECIFIED:		NOTICE OF CONFIDENTIAL INFORMATION INFORMATION CONTAINED HEREIN IS CONFIDENTIAL AND IS THE PROPERTY OF THE KINNEY VALIUM DIVISION. IF THESE DIMENSIONS ARE FURNISHED WITH A PROPOSAL THE RECIPIENT SHALL USE IT SOLELY TO EVALUATE THE PROPOSAL. IF THESE DIMENSIONS ARE FURNISHED TO A CUSTOMER IT SHALL BE USED SOLELY FOR THE PURPOSES OF INSPECTION, INSTALLATION OR MAINTENANCE. IF THESE DIMENSIONS ARE FURNISHED TO A SUPPLIER IT SHALL BE USED SOLELY IN THE PERFORMANCE OF WORK CONTRACTED FOR BY THE COMPANY. THE INFORMATION SHALL NOT BE USED OR DISCLOSED BY THE RECIPIENT FOR ANY OTHER PURPOSE WHATSOEVER.		NAME ASSEMBLY LEVEL SWITCH		
×	×	×	×	×	×	ALL DIMENSIONS ARE IN INCHES. TOLERANCES AS SHOWN.	SURFACE ROUGHNESS 125 μ	REMOVE BURRS AND SHARP EDGES			NEXT ASSEMBLY	
×	×	×	×	×	×	DECIMAL .XX ±.00	DO NOT SCALE DRAWING				PART NUMBER	
2	×	9/27 05	REDIMENSION AND UPDATE FORMAT FROM DWG A222-A20-03.	JCB	NRM	FRACTION ±1/16					DRAWING NUMBER	
REV	ECN	DATE	REVISION DESCRIPTION	DES	ENGR	ANGULAR ±1/2°	THIRD ANGLE PROJECTION		TUTHILL Vacuum & Blower Systems Vacuum Division		610072-B000	610072



Figure 1. Locations of streamgaging stations and low-flow partial-record stations used to develop equations for estimating low-flow statistics for ungaged Massachusetts streams, locations of streamgaging stations outside Massachusetts used for correlation with low-flow partial-record stations, and boundaries of the 27 major river basins and three hydrologic regions in the State—*Continued.*

Table 3. Descriptions of streamgaging stations used in the regression analysis and for correlation with low-flow partial record stations, or both—*Continued*

Station No.	Latitude °''	Longitude °''	Station name	Period of record	Remarks
Streamgaging stations used in the regression analysis and for correlation with low-flow partial-record stations—<i>Continued</i>					
01180800	42 15 49	73 02 48	Walker Brook near Becket Center, Mass.	1963-76	--
01181000	42 14 14	72 53 46	West Branch Westfield River at Huntington, Mass.	1936-present	--
01187400	42 02 03	72 55 49	Valley Brook near West Hartland, Conn.	1941-71	--
01197015	42 31 12	73 13 48	Town Brook at Bridge Street, Lanesborough, Mass.	1981-82	--
01197300	42 20 59	73 17 56	Marsh Brook at Lenox, Mass.	1963-73	--
01198000	42 11 31	73 23 28	Green River near Great Barrington, Mass.	1952-70, 1994, 1995	--
01331400	42 35 20	73 06 48	Dry Brook near Adams, Mass.	1963-73	--
01332000	42 42 08	73 05 37	North Branch Hoosic River at North Adams, Mass.	1932-89	Infrequent small diurnal fluctuation
01333000	42 42 32	73 11 50	Green River at Williamstown, Mass.	1950-present	Infrequent small diurnal fluctuation
Streamgaging stations used for correlation with low-flow partial-record stations, but not used in the regression analysis					
01073000	43 08 55	70 57 56	Oyster River near Durham, N.H.	1935-present	--
01105730	42 06 02	70 49 23	Indian Head River at Hanover, Mass.	1967-present	Some regulation by mills and ponds
01105870	41 59 27	70 44 03	Jones River at Kingston, Mass.	1967-present	Regulation by pond and cranberry bogs. Ground- and surface-water drainage boundaries do not coincide
011058837	41 35 32	70 30 30	Quashnet River at Waquoit Village, Mass.	1989-present	Some regulation by cranberry bog. Ground- and surface-water drainage boundaries do not coincide
01109000	41 56 51	71 10 38	Wading River near Norton, Mass.	1926-present	Regulation by lakes and ponds. Diversions to and from basin for municipal supplies
01109403	41 49 51	71 21 06	Ten Mile River at East Providence, R.I.	1987-present	Regulations and diversions from reservoir
01118000	41 29 53	71 43 01	Wood River at Hope Valley, R.I.	1942-present	Seasonal regulation by pond since 1968. Regulation at low flow until 1952
01121000	41 50 37	72 10 10	Mount Hope River near Warrenville, Conn.	1941-present	Occasional regulation by ponds
01184490	41 54 50	72 33 00	Broad Brook at Broad Brook, Conn.	1962-present	Regulation by reservoir and mill
01187300	42 02 14	72 56 22	Hubbard River near West Hartland, Conn.	1939-55, 1957-present	--
01188000	41 47 10	72 57 55	Burlington Brook near Burlington, Conn.	1932-present	--
01197000	42 28 10	73 11 49	East Branch Housatonic River at Coltsville, Mass.	1936-present	Flow regulated by powerplants and reservoir. Diversion for municipal supply
01198500	42 01 26	73 20 32	Blackberry Brook at Canaan, Conn.	1950-71	--
01199050	41 56 32	73 23 29	Salmon Creek at Lime Rock, Conn.	1962-present	--

Table 8. Descriptions of low-flow partial-record stations used in the regression analyses—Continued

Station No.	Latitude " "	Longitude " "	Basin No.	Station name	Number of measurements	Gaging stations used for correlation
01105582	42 13 25	70 59 49	19	Monatiquot River at Braintree, Mass.	10	01105600, 01097300, 01105730, 01109000
01105630	42 12 53	70 53 06	19	Crooked Meadow River near Hingham Center, Mass.	15	01109000, 01097300, 01105600, 01105730, 01111300, 01111200
01105670	42 11 35	70 43 44	21	Satuit River at Scituate, Mass.	9	01105600, 01105730, 01105870
01105820	42 09 36	70 47 20	21	Second Herring Brook at Norwell, Mass.	15	01105600, 01105730, 01105870, 01109000
01105830	42 11 30	70 46 49	21	First Herring Brook near Scituate Center, Mass.	16	01105600, 01111200, 01111300, 01109000, 01105730
* 01105861	41 59 47	70 47 18	21	Jones River Brook near Kingston, Mass.	14	01105600, 01109000, 01105870, 01097300
011058839	41 46 21	70 33 46	21	Herring River at Bournedale, Mass.	12	01109000, 01158837, 01105870, 01105730
011059106	41 44 35	70 52 04	13	Mattapoisett River tributary #1 near Rochester, Mass.	13	01109000, 01105870, 01111200, 01105730
01105930	41 40 43	70 58 39	24	Paskamanset River at Turner Pond near New Bedford, Mass.	23	01109000, 01105600, 01105730, 01111200, 01106000
01105935	41 34 20	71 00 47	24	Destruction Brook near South Dartmouth, Mass.	24	01109000, 01105600, 01105870, 01105730, 01111200
01105937	41 40 55	71 01 05	24	Shingle Island River near North Dartmouth, Mass.	25	01109000, 01105600, 01105730, 01111200, 01106000
01105947	41 38 00	71 03 46	24	Bread and Cheese Brook at Head of Westport, Mass.	24	01109000, 01105600, 01105870, 01105730, 01111200, 01106000
01106460	42 02 43	70 58 17	25	Beaver Brook near East Bridgewater, Mass.	21	01109000, 01118000, 01105730, 01105870, 01111200, 01111300
01107400	41 51 55	70 54 32	25	Fall Brook near Middleboro, Mass.	36	01105600, 01111300, 01105730, 01109000
01108140	41 54 20	70 59 19	25	Poquoy Brook near North Middleboro, Mass.	16	01109000, 01105600, 01111300, 01105730
01108180	41 52 57	71 02 54	25	Cotley River at East Taunton, Mass.	14	01109000, 01105600, 01111300, 01105730
01108600	41 59 11	71 14 27	25	Hodges Brook at West Mansfield, Mass.	27	01109000, 01105730, 01105870, 01111200, 01111300
01109087	41 47 57	71 03 37	25	Assonet River at Assonet, Mass.	22	01109000, 01105730, 01097300, 01111200, 01111300
01109090	41 46 36	71 05 23	25	Rattlesnake Brook near Assonet, Mass.	11	01109000, 01111200, 01105730, 01118000, 01105870, 01106000
01109225	41 46 52	71 15 03	26	Rocky Run near Rehoboth, Mass.	36	01109000, 01118000, 01111200, 01111300, 01106000
01109460	42 12 20	71 50 06	12	Dark Brook at Auburn, Mass.	18	01097300, 01105600, 01109000, 01111200, 01111300, 01175670
01111142	42 11 25	71 39 23	12	Miscoe Brook near Grafton, Mass.	11	01097300, 01105600, 01109000, 01175670
01111225	42 02 40	71 37 21	12	Emerson Brook near Uxbridge, Mass.	12	01097300, 01109000, 01111300, 01175670
01112190	42 05 35	71 31 11	12	Muddy Brook at South Milford, Mass.	13	01097300, 01109000, 01111300, 01175670
01123140	42 06 35	72 11 51	10	Mill Brook at Brimfield, Mass.	9	01111300, 01121000, 01174900, 01175670, 01176000, 01184490

Table 9. Streamflow statistics, variances, standard errors, and years of record for stations included in the regression analyses; streamflow statistics are computed from daily records for streamgaging stations and estimated for low-flow partial-record stations; equivalent years of record for low-flow partial-record stations are computed from equation 14—*Continued*

Station No.	Statistic	Flow-duration percentile										August median	7-Day, 10-year low flow	7-Day, 2-year low flow
		99	98	95	90	85	80	75	70	60	50			
01105830	Streamflow	--	0.021	0.043	0.085	0.14	0.23	0.34	0.49	0.95	1.60	0.17	0.010	0.044
	Variance	--	.00427	.00322	.0024	.00195	.00164	.00146	.00136	.00137	.00152	.00191	.00796	.00437
	Standard error	--	15.1	13.1	11.3	10.2	9.3	8.8	8.5	8.5	9.0	10.1	20.8	15.3
	Years	--	31.9	32	31.8	31.9	32	32.2	32.2	31.3	29.6	26.1	11.4	11.6
* 01105861	Streamflow	0.60	.79	1.23	1.81	2.38	2.97	3.93	5.09	--	--	3.11	.49	1.24
	Variance	.00343	.00238	.00148	.00154	.00194	.00252	.0035	.00469	--	--	.00261	.00525	.00192
	Standard error	13.5	11.3	8.9	9.1	10.2	11.6	13.7	15.9	--	--	11.8	16.8	10.1
	Years	39.8	41.3	41.3	34.5	28.6	24.5	19.7	15.6	--	--	16.4	9.2	13.1
011058839	Streamflow	--	--	--	5.95	--	8.45	--	--	--	10.6	--	--	--
	Variance	--	--	--	.00298	--	.00284	--	--	--	.0028	--	--	--
	Standard error	--	--	--	12.6	--	12.3	--	--	--	12.2	--	--	--
	Years	--	--	--	44.4	--	38.3	--	--	--	15.6	--	--	--
011059106	Streamflow	.090	.11	.15	.22	.32	.41	.52	.64	--	--	.41	.076	.15
	Variance	.00611	.00509	.00368	.00267	.0022	.00196	.00176	.00144	--	--	.00225	.00819	.00413
	Standard error	18.1	16.5	14.0	11.9	10.8	10.2	9.7	8.8	--	--	11.0	21.1	14.9
	Years	22.8	23.2	24.8	25.4	24.4	22.6	21.3	21.6	--	--	14.4	4.4	5.4
01105930	Streamflow	.41	.54	.91	1.53	2.29	3.34	4.63	--	--	--	2.71	.32	.94
	Variance	.00391	.00308	.00196	.00122	.00092	.00083	.00091	--	--	--	.00093	.00592	.00266
	Standard error	14.5	12.8	10.2	8.1	7.0	6.6	7.0	--	--	--	7.0	17.9	11.9
	Years	36.1	36.2	37.7	38	38.1	37.7	36.5	--	--	--	31.7	10.3	13
01105935	Streamflow	--	.48	--	.98	--	--	--	--	--	4.27	--	--	--
	Variance	--	.00101	--	.00041	--	--	--	--	--	.00076	--	--	--
	Standard error	--	7.3	--	4.7	--	--	--	--	--	6.4	--	--	--
	Years	--	36.8	--	38.2	--	--	--	--	--	26.3	--	--	--
01105937	Streamflow	.085	.13	.28	.60	1.05	1.76	2.80	4.25	8.78	--	1.29	.062	.28
	Variance	.00491	.00395	.00257	.00155	.00111	.00093	.00097	.00117	.00183	--	.00114	.00818	.00382
	Standard error	16.2	14.5	11.7	9.1	7.7	7.0	7.2	7.9	9.9	--	7.8	21.1	14.3
	Years	35.6	35.6	36.8	37.7	38.3	38.5	38.1	36.6	31.6	--	34	12.5	15
01105947	Streamflow	.18	.26	.47	.82	1.21	1.65	2.24	3.04	5.21	8.41	1.52	.14	.46
	Variance	.00693	.00543	.00356	.00231	.00176	.00156	.00151	.00166	.00239	.00347	.00161	.00919	.00396
	Standard error	19.3	17.1	13.8	11.1	9.7	9.1	9.0	9.4	11.3	13.6	9.3	22.3	14.6
	Years	25.8	27	30.2	32.8	33.8	33	30.8	27.7	22.1	17.4	24.7	5.1	6.9

c) Back River Watershed (Eastern Greenbelt)

West Brook originates in the kettled lowlands of the North Hill Marshes, flows into a pond off Tremont Street, and becomes Duck Hill River as it enters Duxbury Marsh. Further downstream it becomes the Back River and flows into Duxbury Bay. The watershed is part of the Aquifer Protection Zoning District for Drinking Water Supplies in the Towns of Marshfield and Duxbury. Massachusetts Surface Water Quality Standards give the Back River an SA classification. These waters are scenically significant. The saltwater areas are suitable for shellfish harvesting and the North Hill Marsh area is used recreationally for fishing, birding, biking, horseback riding, cross-country skiing, and walking. Of historical significance, a portion of the Green Harbor Path, a trail laid out in the 1620's from Plymouth to Scituate, runs along its eastern upland. North Hill Marsh is surrounded by the Duxbury Town Forest, the Massachusetts Audubon Society North Hill Wildlife Sanctuary, the Town's North Hill Country Club, and Duxbury Conservation Land. Mayflower I and II well sites and land owned by the Duxbury Rural and Historical Society are near the Marsh. Taken together, these areas form contiguous open space of nearly 1,000 acres. The Massachusetts Division of Fisheries and Wildlife designates a significant area surrounding and including the North Hill Marsh as Estimated Habitat of Rare State-Listed Wetlands Wildlife and of Certified Vernal Pools. Access is restricted on a small portion of this land which contains the Mayflower Wells. The pond off Tremont Street also has restricted access, being within the Millbrook Water Supply area.

d) Island Creek Watershed (Eastern Greenbelt)

This stream begins at Island Creek Pond, flows south to Mill Pond and exits through the saltmarsh near Hicks Point into Kingston Bay. Island Creek Pond, accessed from Tobey Garden Street, is the only Great Pond in Duxbury (a natural occurring body of water of more than 10 acres on which all Commonwealth citizens have the right to fish, fowl, and navigate). It is actively used for fishing, boating, and skating. Island Creek is one of two anadromous fish runs in Duxbury and contains a fish ladder at Route 3A constructed by the Massachusetts Division of Fisheries and Wildlife. The upper end of the watershed is part of the Aquifer Protection Zoning District for Duxbury's Drinking Water Supply.

e) Jones River Watershed (Western Greenbelt)

Pine Brook, which flows from Upper and Lower Chandler Mill Ponds, along with Halls Brook, Bassett Brook, and Mile Brook are on the southerly portions of the Town of Duxbury. They feed the Jones River. Mile Brook is part of the Aquifer Protection Zoning District for Drinking Water Supplies for the Town of Kingston. Much of this Kingston watershed is listed as a High Priority Site of Rare Species Habitat and Exemplary Natural Communities. The Massachusetts Surface Water Quality Standards gives a B classification for the water in this river. The B classification designates these waters as habitat for fish, aquatic life and wildlife, and for primary and secondary contact recreation. B classified waters are suitable for irrigation and other agricultural uses. These waters have consistently good aesthetic value.

← CLASS B

FINAL

MASSACHUSETTS SECTION 303(d) LIST of WATERS

- 1998 -

**Commonwealth of Massachusetts
Executive Office of Environmental Affairs
Department of Environmental Protection
Division of Watershed Management**

**627 Main Street, Second Floor
Worcester, MA 01608**

February, 1999

<u>Indian Head River</u> (9456800)	<u>Pollutants/Stressors</u>
MA94-04 Outlet Factory Pond, Hanover to Curtis Crossing Dam (or Ludhams Ford Dam), Hanover/Pembroke.	0500 Metals 0900 Nutrients 1200 Organic enrichment/Low DO
<u>Drinkwater River</u> (9456900)	<u>Pollutants/Stressors</u>
MA94-21 Source near Whiting Street and Hanover High School through Forge Pond to inlet Factory Pond, Hanover. Miles 3.5-0.0	0500 Metals
<u>French Stream</u> (9456950)	<u>Pollutants/Stressors</u>
MA94-03 Headwaters southeast side of Naval Air Station, Rockland through Studleys Pond to confluence Drinkwater River, Hanover. Miles 5.9-0.0	0100 Unknown toxicity 0900 Nutrients 1200 Organic enrichment/Low DO 1700 Pathogens
<u>South River</u> (9457075)	<u>Pollutants/Stressors</u>
MA94-09 Main Street, Marshfield to confluence with North River.	1700 Pathogens
<u>Jones River</u> (9457650)	<u>Pollutants/Stressors</u>
MA94-14 Elm Street, Kingston to mouth at Duxbury Bay, Kingston.	1700 Pathogens
<u>Cohasset Harbor</u> (94901)	<u>Pollutants/Stressors</u>
MA94-01	1700 Pathogens
<u>Scituate Harbor</u> (94902)	<u>Pollutants/Stressors</u>
MA94-02	1700 Pathogens
<u>Green Harbor</u> (94903)	<u>Pollutants/Stressors</u>
MA94-11	1700 Pathogens
<u>Plymouth Harbor</u> (94905)	<u>Pollutants/Stressors</u>
MA94-16	1700 Pathogens
<u>Plymouth Bay</u> (94906)	<u>Pollutants/Stressors</u>
MA94-17	1700 Pathogens

GeoLabs, Inc.
Environmental Laboratories



LABORATORY REPORT

PREPARED FOR:

OHI Engineering
44 Wood Avenue
Mansfield, MA 02048

Attn: D. Morrison

PROJECT ID: 4-1029
Silver Lake
Kingston

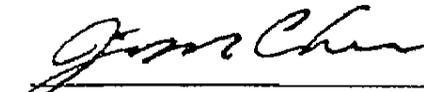
GEOLABS CERTIFICATION #: M-MA015

SAMPLE NUMBER: 0507063 (001-004)

DATE PREPARED: July 14, 2005

PREPARED BY: Karen Mullally

APPROVED BY:



Jim Chen, Laboratory Director

GeoLabs, Inc.
Environmental Laboratories

MADEP MCP Response Action Analytical Report Certification Form

Laboratory Name: <u>GeoLabs, Inc.</u>	Project #: <u>4-1029</u>
Project Location: <u>Silver Lake</u>	MADEP RTN: _____

This form provides certifications for the following data set: 0507063 (001-004)

Sample matrices: Groundwater () Soil / Sediment () Drinking Water () Other ()

MCP SW-846 Methods Used	8260B (<input type="checkbox"/>)	8151A (<input type="checkbox"/>)	8330 (<input type="checkbox"/>)	6010B (<input type="checkbox"/>)	7470/1A (<input type="checkbox"/>)	Other: (<input type="checkbox"/>) _____
	8270C (<input type="checkbox"/>)	8081A (<input type="checkbox"/>)	VPH (<input checked="" type="checkbox"/>)	6020 (<input type="checkbox"/>)	9014M ² (<input type="checkbox"/>)	_____
	8082 (<input type="checkbox"/>)	8021B (<input type="checkbox"/>)	EPH (<input type="checkbox"/>)	7000 S ³ (<input type="checkbox"/>)		_____

As specified in MADEP Compendium of Analytical Methods (Check all that apply)

1- List Release Tracking Number (RTN), if known
 2- M - SW-846 Method 9014 or MADEP Physiologically Available Cyanide (PAC) Method
 3- S - SW-846 Methods 7000 Series (List individual method and analyte)

An affirmative response to questions A, B, and C is required for "Presumptive Certainty" status

A	Were all samples received by the laboratory in a condition consistent with that described on the Chain-of-Custody documentation for the data set?	Yes (<input checked="" type="checkbox"/>)	No ¹ (<input type="checkbox"/>)
B	Were all QA/QC procedures required for the specified analytical method(s) included in this report followed, including the requirement to note and discuss in a narrative QC data that did not meet appropriate performance standards or guidelines?	Yes (<input checked="" type="checkbox"/>)	No ¹ (<input type="checkbox"/>)
C	Does the analytical data included in this report meet all the requirements for "Presumptive Certainty", as described in Section 2.0 of the MADEP documents CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?	Yes (<input checked="" type="checkbox"/>)	No ¹ (<input type="checkbox"/>)

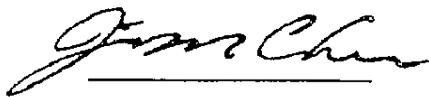
A response to questions D and E below is required for "Presumptive Certainty" status

D	Were all QC performance standards and recommendations for the specified methods achieved?	Yes (<input checked="" type="checkbox"/>)	No ¹ (<input type="checkbox"/>)
E	Were results for all analyte-list compounds/elements for the specified method(s) reported?	Yes (<input checked="" type="checkbox"/>)	No ¹ (<input type="checkbox"/>)

¹All NO answers must be addressed in an attached Environmental Laboratory case narrative.

I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.

Signature: _____



Position: Lab Director

Printed Name: _____

Jim Chen

Date: July 14, 2005

GeoLabs, Inc.
Environmental Laboratories

Case Narrative

Project ID: 4-1029
Client Name: OHI Engineering

Sample Number: 0507063 (001-004)
Received: 07/08/05

Physical Condition of Samples

This project was received by the laboratory in satisfactory condition. The sample(s) were received undamaged, in appropriate containers with the correct preservation.

Project Documentation

This project was accompanied by satisfactory Chain of Custody documentation. The sample container label(s) agreed with the Chain of Custody.

Analysis of Sample(s)

No analytical anomalies or non-conformances were noted by the laboratory during the processing of these sample(s).

GeoLabs, Inc.
Environmental Laboratories

SAMPLE INFORMATION

Matrix	<input checked="" type="checkbox"/> Aqueous <input type="checkbox"/> Soil <input type="checkbox"/> Sediment <input type="checkbox"/> Other		
Containers	<input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Broken <input type="checkbox"/> Leaking		
Sample Preservative:	Aqueous	<input type="checkbox"/> N/A <input checked="" type="checkbox"/> pH ≤ 2 <input type="checkbox"/> pH > 2 Comment:	
	Soil or Sediment	<input type="checkbox"/> N/A <input type="checkbox"/> Samples NOT preserved in MeOH or air-tight containers	
		<input type="checkbox"/> Samples received in MeOH <input type="checkbox"/> Covering soil ? <input type="checkbox"/> Not	
		<input type="checkbox"/> Received in air tight container	ml MeOH <input type="checkbox"/> 1:1+25% <input type="checkbox"/> Other
Temperature	<input checked="" type="checkbox"/> Received on ice <input type="checkbox"/> Received at 4° C <input type="checkbox"/> Other		

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 04-1.1	Client ID:	OHI-101	OHI-102	OHI-104
Method for Target Analytes: MADEP VPH 04-1.1	Lab ID:	001	002	003
VPH Surrogate Standards	Date Collected:	07/08/05	07/08/05	07/08/05
PID (2,5-Dibromotoluene)	Date Received:	07/08/05	07/08/05	07/08/05
FID (2,5-Dibromotoluene)	Date Analyzed:	07/13/05	07/13/05	07/13/05
	Dilution Factor:	1.0	1.0	1.0
	Total solids (%):	N/A	N/A	N/A

Range/Target Analyte	Elut. Range	RL	Units			
Unadjusted C5-C8 Aliphatics ¹	N/A	75	ug/L	ND	3260	ND
Unadjusted C9-C12 Aliphatics ¹	N/A	75	ug/L	ND	1140	ND
Methyl tert-butyl ether	C ₅ -C ₈ Aliph.	5	ug/L	10.0	41.3	ND
Benzene	C ₅ -C ₈ Aliph.	5	ug/L	ND	95.6	ND
Toluene	C ₅ -C ₈ Aliph.	5	ug/L	ND	674	ND
Ethylbenzene	C ₉ -C ₁₂ Aliph.	5	ug/L	ND	78.5	ND
m&p-Xylenes	C ₉ -C ₁₂ Aliph.	5	ug/L	ND	465	ND
o-Xylene	C ₉ -C ₁₂ Aliph.	5	ug/L	ND	162	ND
Naphthalene	N/A	20	ug/L	ND	ND	ND
C5-C8 Aliphatic Hydrocarbons ^{1,2}	N/A	75	ug/L	ND	2440	ND
C9-C12 Aliphatic Hydrocarbons ^{1,3}	N/A	75	ug/L	ND	142	ND
C9-C10 Aromatic Hydrocarbons ¹	C ₉ -C ₁₂ Aliph.	75	ug/L	ND	296	ND
2,5-Dibromotoluene (PID) Surrogate Recovery				93%	93%	92%
2,5-Dibromotoluene (FID) Surrogate Recovery				91%	91%	91%
Surrogate Acceptance Range				70-130%	70-130%	70-130%

¹Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

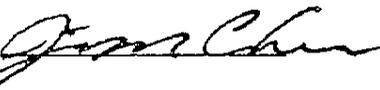
³C₉-C₁₂ Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C₉-C₁₀ Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? Yes No - Details attached
 Were all QA/QC performance /acceptance standards achieved? Yes No - Details attached
 Were any significant modifications made to the VPH method, as specified in Sect 11.3.? No

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge, accurate and complete.

SIGNATURE:



POSITION: Lab Director

PRINTED NAME: Jim Chen

DATE: 07/14/05

GeoLabs, Inc.
Environmental Laboratories

SAMPLE INFORMATION

Matrix	<input checked="" type="checkbox"/> Aqueous	<input type="checkbox"/> Soil	<input type="checkbox"/> Sediment	<input type="checkbox"/> Other		
Containers	<input checked="" type="checkbox"/> Satisfactory	<input type="checkbox"/> Broken	<input type="checkbox"/> Leaking			
Sample	Aqueous	<input type="checkbox"/> N/A	<input checked="" type="checkbox"/> pH ≤ 2	<input type="checkbox"/> pH > 2	Comment:	
Preservative:	Soil or	<input type="checkbox"/> N/A	<input type="checkbox"/> Samples NOT preserved in MeOH or air-tight containers		ml MeOH	
	Sediment	<input type="checkbox"/> Samples received in MeOH			<input type="checkbox"/> Covering soil ?	<input type="checkbox"/> Not
		<input type="checkbox"/> Received in air tight container				<input type="checkbox"/> Other
Temperature	<input checked="" type="checkbox"/> Received on ice	<input type="checkbox"/> Received at 4° C	<input type="checkbox"/> Other			

VPH ANALYTICAL RESULTS

Method for Ranges: MADEP VPH 04-1.1	Client ID:	OHI-203
Method for Target Analytes: MADEP VPH 04-1.1	Lab ID:	004
VPH Surrogate Standards	Date Collected:	07/08/05
PID (2,5-Dibromotoluene)	Date Received:	07/08/05
FID (2,5-Dibromotoluene)	Date Analyzed:	07/13/05
	Dilution Factor:	1.0
	Total solids (%):	N/A

Range/Target Analyte	Elut. Range	RL	Units	
Unadjusted C5-C8 Aliphatics ¹	N/A	75	ug/L	ND
Unadjusted C9-C12 Aliphatics ¹	N/A	75	ug/L	ND
Methyl tert-butyl ether	C ₅ -C ₈ Aliph.	5	ug/L	ND
Benzene	C ₅ -C ₈ Aliph.	5	ug/L	ND
Toluene	C ₅ -C ₈ Aliph.	5	ug/L	ND
Ethylbenzene	C ₉ -C ₁₂ Aliph.	5	ug/L	ND
m&p-Xylenes	C ₉ -C ₁₂ Aliph.	5	ug/L	ND
o-Xylene	C ₉ -C ₁₂ Aliph.	5	ug/L	ND
Naphthalene	N/A	20	ug/L	ND
C5-C8 Aliphatic Hydrocarbons ^{1,2}	N/A	75	ug/L	ND
C9-C12 Aliphatic Hydrocarbons ^{1,3}	N/A	75	ug/L	ND
C9-C10 Aromatic Hydrocarbons ¹	C ₉ -C ₁₂ Aliph.	75	ug/L	ND
2,5-Dibromotoluene (PID) Surrogate Recovery				94%
2,5-Dibromotoluene (FID) Surrogate Recovery				95%
Surrogate Acceptance Range				70-130%

¹Hydrocarbon Range data exclude concentrations of any surrogate(s) and/or internal standards eluting in that range

²C₅-C₈ Aliphatic Hydrocarbons exclude the concentration of Target Analytes eluting in that range

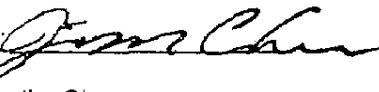
³C₉-C₁₂ Aliphatic Hydrocarbons exclude conc of Target Analytes eluting in that range AND concentration of C₉-C₁₀ Aromatic Hydrocarbons

CERTIFICATION

Were all QA/QC procedures REQUIRED by the VPH Method followed? Yes No - Details attached
 Were all QA/QC performance /acceptance standards achieved? Yes No - Details attached
 Were any significant modifications made to the VPH method, as specified in Sect 11.3.? No

I attest under the pains and penalties of perjury that, based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge, accurate and complete.

SIGNATURE:



POSITION: Lab Director

PRINTED NAME: Jim Chen

DATE: 07/14/05

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Environmental Laboratories

Matrix:	Water	µg/L	LCS %	Limit	BLANK
MTBE			106%	70-130%	ND
Benzene			105%	70-130%	ND
Toluene			109%	70-130%	ND
Ethyl Benzene			113%	70-130%	ND
m,p-xylene			125%	70-130%	ND
o-xylene			115%	70-130%	ND
Naphthalene			107%	70-130%	ND
Surrogate Recoveries:					
2,5-Dibromotoluene (PID)			97%		91%
2,5-Dibromotoluene (FID)			96%		90%

GEOLABS, INC.
45 JOHNSON LANE
BRAintree, MA 02184
M-MA015

LIMITATIONS & EXCLUSIONS

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by GeoLabs in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations and materials that were observed at the time the work was conducted. No inferences regarding other conditions, locations or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or implied is made.

This report was prepared for the sole use of our client. Portions of the report may not be used independent of the entire report.

All analyses were performed within required holding times, in accordance with EPA protocols and using accepted QA/QC procedures. All QA/QC meets acceptable limits unless otherwise noted. The information contained in this report is, to the best of my knowledge, accurate and complete.

Any and all subsequent pages of this report are chain(s) of custody.

CHAIN OF CUSTODY

GeoLabs CHAIN NUMBER: 0507063

CHECKED ITEMS MUST BE FILLED IN 24/48 HOUR RUSHES ONLY WITH APPROVAL OF D. KAHLER OR LAB DIRECTOR

GeoLabs, Inc.
 Environmental Laboratories
 45 Johnson Lane
 Braintree, MA 02184
 Office: 781-848-7844
 Fax: 781-848-7811

Turnaround Time
 RUSH 24-48hrs STANDARD
 72hrs 5 Days
 RUSH APPROVED BY: X

Page 1 of 1
 SPECIAL INSTRUCTIONS

Note: JOBS WITH INCOMPLETELY FILLED OUT CHAINS WILL NOT BE RUN. CHAIN WILL BE RETURNED TO CLIENT FOR COMPLETION

TYPE OF CLIENT: BUS LAB HOMEOWNER NOTE: HOMEOWNERS, LAW FIRMS MUST PAY WHEN DROPPING OFF SAMPLES

Client: X OHI Engineering
 Address: X 44 Wood Pond PO BOXES
Marshall, MA
 Phone: X 508-339-3929
 Fax:
 Contact: X Doug Macrisa
 E-mail:

Project Number: X 4-1029
 Project Location: X Silver Lake
Kingston
 Purchase Order #: 4-1029
 Collected By: X J Daley

CHANGES REQUESTED? Y N
 BY DATE
 Received on ice?
 ANALYSES REQUESTED

SAMPLE ID	COLLECTION			SAMPLE LOCATION	CONTAINER					GEOLABS SAMPLE NUMBER	TEMPERATURE	LAB PH	
	DATE	TIME	SAMPLED		TYPE	QUANT	MATRIX	COMP	GRAB				PRES
OHI-101	7/8	9:10	✓		✓	2	AQ		X	1	7063-001		
OHI-102	↓	10:30	↓		✓	2	↓		X	1	-002		
OHI-104	↓	9	↓		✓	2	↓		X	1	-003		
OHI-203	↓	9:30	↓		✓	2	↓		X	1	-004		

Verbal results given to _____ by (date/initial)

MATRIX CODES: GW = Ground Water, WW = Wastewater, DW = Drinking Water, SL = Sludge, S = Soil, A = Air
CONTAINER CODES: A = Amber, B = Bag, G = Glass, P = Plastic, S = Summa Canister, O = Other, V = VOA
PRESERVATIVE CODES: 1 = HCl, 2 = HNO₃, 3 = H₂SO₄, 4 = Na₂S₂O₃, 5 = NaOH, 6 = MeOH, 7 = ICE

Relinquished By: [Signature] Date/Time: 2/8/05
 Received By: _____ Date/Time: _____

Terms: Payment due within 30 days unless other arrangements are made

(508) 339-5110

OccuHealth, Inc.

Feb 01 06 03:25P

GeoLabs, Inc.
Environmental Laboratories



LABORATORY REPORT

PREPARED FOR:

OccuHealth
44 Wood Avenue
Mansfield, MA 02048

Attn: Doug Morrison

PROJECT ID: 4-1029
Silver Lake Regional High School
Kingston, MA

GEOLABS CERTIFICATION #: M-MA015

SAMPLE NUMBER: 160204-160210

DATE PREPARED: January 17, 2005

PREPARED BY: Danielle Rega

APPROVED BY:



Jim Chen, Laboratory Director