BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)	
) .	
PROPOSED AMENDMENTS TO CLEAN)	
CONSTRUCTION OR DEMOLITION)	R 2012-009(B)
DEBRIS (CCDD) FILL OPERATIONS:)	(Rulemaking - Land)
PROPOSED AMENDMENTS TO 35 III.)	
Adm. Code 1100	`	

NOTICE OF FILING

TO: SEE ATTACHED SERVICE LIST

PLEASE TAKE NOTICE that I have electronically filed today with the Illinois Pollution Control Board the Office of the Attorney General's Responses To The Board's Pre-Filed Questions, a copy of which is hereby served upon you.

Dated: May 13, 2013

Respectfully submitted,

PEOPLE OF THE STATE OF ILLINOIS, by LISA MADIGAN, Attorney General of the State of Illinois

BY:

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Assistant Attorney General
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BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

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THE OFFICE OF THE ATTORNEY GENERAL'S RESPONSES TO THE BOARD'S PRE-FILED QUESTIONS

The Office of the Attorney General, on behalf of the People of the State of Illinois, ("People") hereby files its Responses to the Illinois Pollution Control Board's ("Board") Pre-Filed Questions for Hearing May 20, 2013 Regarding Groundwater Monitoring in this matter, as provided in the Hearing Officer Order issued on April 18, 2013.

PEOPLE'S RESPONSE TO BOARD'S QUESTIONS

In the April 8, 2013 Hearing Officer Order, the Board set forth fifteen questions in Attachment A to the Order. The People herein provide its response to the following questions set forth by the Board in the April 8, 2013 Hearing Officer Order.

Parameters to be monitored

4. What, if any, other changes should be made in consideration of adding groundwater monitoring?

ANSWER:

The definition of "inert" waste includes "only non-biodegradable and non-putrescible solid wastes; including, but not limited to, bricks, masonry, and concrete." 35 Ill. Adm. Code 810.103. Similarly, the definition for CCDD "means uncontaminated broken concrete without protruding metal bars, bricks, rock, stone, reclaimed or other asphalt pavement, or soil generated

from construction or demolition activities." 415 ILCS 5/3.160 (2012). The chief difference between these two definitions is that CCDD includes asphalt, a source of PNAs, which by operation of the Board Waste Disposal Regulations would classify CCDD as a "chemical waste," rather than an "inert waste." *See* 35 Ill. Adm. Code 810.103. If the Board were to adopt the Illinois EPA's proposed Subpart G as part of the Part 1100 Regulations, the People suggest the following changes.

Section 1100.740 – **Sampling Frequency.** This Section provides for only annual groundwater testing at a minimum. However, the Board Inert Waste Regulations require semi-annual testing. As mentioned above, inert waste is potentially more benign because it does not contain asphalt, a source of PNAs, yet the regulations require that inert waste be tested at least twice a year. Therefore, the People suggest that groundwater monitoring be conducted quarterly.

Section 1100.745 – Non-Compliance Response Program. This Section provides for dates by which the owner or operator must do the following: (a) report exceedances of any Class I groundwater quality standard to the Agency (within 60 days after sample was collected), (b) retest the groundwater (within 60 days after date sample was collected) and submit a report with the sample results to the Agency (60 days after receiving the resampling data), (c) submit a corrective action program (within 120 days after date the resampling results were sent to the Agency), and implement the corrective action program (within 120 days after date the resampling results were sent to the Agency). Under the Board Inert Waste Regulations, an owner or operator must report any exceedance of a Class I groundwater quality standard within 1 business day (See 35 III. Adm. Code 811.206(d)). Therefore, the People suggest that the Board review all of the foregoing deadlines and consider narrower timeframes to address any exceedances of the Class I Groundwater Standards.

Also in Section 1100.745(c), there are no procedures or timeframes or requirements to address any deficiencies that the Illinois EPA might identify in an owner's/operator's corrective action program (i.e. it assumes that the plan will be acceptable). Therefore, the People suggest that the Corrective Action Programs should be subject to review and approval by the Illinois EPA and that any deficiencies identified by the Illinois EPA should be addressed within 30 days.

Section 1100.750 – Alternate Non-Compliance Response Program. Subsection (a) requires the owner or operator to notify the Agency of its intention to avail itself of this Section (within 60 days after date the Agency was notified in writing of an exceedance – 120 days after date sample was collected). Subsection (b) requires the owner/operator to submit a report to the Agency that demonstrates that a source other than the owner's/operator's fill operation was the source of the contamination within 180 days of the date on which the Agency was notified in writing (300 days after date sample was collected). The People suggest that this section be deleted from Subpart G and further suggest that if an owner/operator wants to make an alternate non-compliance response, it should do so in accordance with the time frames required in Section 1100.745.

5. If groundwater monitoring is required at CCDD/USF sites, should the front end screening requirements contained in the rules adopted August 23, 2012 to ensure no contaminated material is deposited into a CCDD/USF site be retained? If not, identify which requirements could be deleted or modified and explain why.

ANSWER:

Yes, the front end screening requirements for CCDD/USF sites should be retained along with additional requirements for groundwater monitoring at CCDD/USF sites. Soil certification and load checking for CCDD Disposal facilities alone is insufficient to ensure that these facilities will not impact State groundwater.

Since the Part 1100 regulations have been in effect, the People have taken enforcement

action for regulatory violations at CCDD disposal sites. See Pre-Filed Testimony of the Attorney General's Office at pp. 26-28 (citing 11 enforcement actions against CCDD disposal owners/operators). Even with the new requirements for soil certifications, the People filed two enforcement actions with the Board alleging violations of the Act and Board CCDD Regulations:

1) People v. Sheridan-Joliet Land Development, LLC and Sheridan Sand & Gravel Co., PCB 13-19; and 2) People v. Sheridan-Joliet Land Development, LLC and Sheridan Sand & Gravel Co., PCB 13-20. The violations alleged in both cases included the CCDD fill operation's failure to implement and document a load checking program, failure to obtain soil certifications, and failure to maintain records.

Accordingly, the People believe that a dual approach to regulation of CCDD/USF sites is warranted to ensure that groundwater is protected as required by Section 22.51(f)(1) of the Act. This approach is particularly necessary for those who rely on groundwater as their primary source of drinking water. *See e.g.* Testimony of Rick Cobb, Illinois EPA, Tr. March 13, 2012, p. 20, ll. 18-24 and p. 21, ll. 1-8.

Additionally, without groundwater monitoring, groundwater contamination will likely only be discovered once it has impacted individuals relying on wells for their drinking water needs. Such a scenario is at odds with the General Assembly's requirement that the Board promulgate standards and procedures necessary to protect groundwater. *See* 415 ILCS 5/22.51(f)(1); *see also* ILCS Const. Art. 11, § 2 (Each person has the right to a healthful environment). Therefore, the Board should adopt a comprehensive approach in protecting the State's groundwater and, as a necessary part of that approach, require groundwater monitoring and CCDD facilities.

Whether or not groundwater monitoring should be self-implementing

6. Given the Agency's concern with the potential for groundwater contamination from "clean construction and demolition debris" and "uncontaminated soils", how can groundwater protection be guaranteed with a self-reporting system?

ANSWER:

The People are unclear as to the Board's use of the term "self-reporting system" (i.e. is the Boar referring to the "self-implementing nature of the groundwater monitoring proposed by the Illinois EPA in Subpart G or merely the reporting of ground water monitoring results). To the extent that this question refers to a self-reporting system, the People state that most State groundwater monitoring programs require "self-reporting." The People further state that groundwater protection cannot always be guaranteed under a self-reporting regime.

To the extent that this question refers to the self-implementing nature of the groundwater monitoring proposed by the Illinois EPA in Subpart G, CCDD facilities should be required to submit their groundwater monitoring plans and their monitoring results to the Illinois EPA. This approach would ensure that the Illinois EPA had the information needed to determine whether groundwater contamination has occurred at a particular site. However if the groundwater monitoring program were self-implementing, the decision to report groundwater exceedances of applicable regulatory standards would be left to the owner/operators, and as mentioned in response to question 5 above, the People have had 13 enforcement cases involving CCDD operations that did not comply with the Act and Board CCDD Regulations.

Another important consideration for requiring Illinois EPA oversight is that it provides public access to information via the Freedom of Information Act. 5 ILCS 140/1 et seq. Access to information about contamination in the groundwater is an important public policy relating to human health and the environment. This is especially true for citizens that rely on groundwater

for their drinking water. Therefore, the People respectfully request that the Board require the submission of groundwater monitoring plans and groundwater monitoring data to the Illinois EPA.

Evidence that groundwater was impacted by properly-run facilities

7. What are the specific concerns related to the potential for groundwater contamination associated with the deposition of CCDD and USF at quarries, both legally defined as "uncontaminated" and "clean" and not classified as wastes? Is it the potential contamination associated with the materials themselves? Is it the risk of non-CCDD/USF materials being deposited either accidently or in violation of the law? Is there another concern?

ANSWER:

Although the definition of CCDD indicates that it must be "uncontaminated" and that to the extent permitted by federal law it is not considered "waste" when used in accordance with one of the exceptions, a review of the regulatory history of CCDD disposal from 1997 to 2010 indicates several concerns. In 1997, the General Assembly adopted a new definition for CCDD in §3.78a of the Act (*See*, P.A. 90-475), which essentially provided that to the extent provided by federal law, CCDD could be disposed of at a CCDD fill site, without the need for any soil certifications, load checking and/or screening. Therefore, from 1997 to 2005 there were neither regulations in place nor the requirement for an Illinois EPA-issued permit at any CCDD fill site. Without question, any CCDD that was disposed of at CCDD facilities during this period had a far greater potential to contaminate groundwater.

In 2005, the General Assembly enacted Section 22.51 of the Act.² The General Assembly required that each incoming load of CCDD be screened with a photo ionization detector ("PID") or equivalent device to detect the presence of volatile organic chemicals ("VOCs"). 415 ILCS

¹ In 1989, the General Assembly added a definition for CCDD to the Act at IL ST CH 111 1/2 P 1003.76.

² Section 22.51 of the Act was created by Public Act P.A. 94-272, § 10, which became effective on July 19, 2005.

5/22.51(c). In 2006, the Board promulgated the Part 1100 CCDD Regulations, which included visual inspections and use of a PID or equivalent device to detect the presence of VOCs.³ However, these added regulatory requirements were at best a step in the right direction.

The Illinois EPA testified about the efficacy of these regulatory measures.

The screening procedures proposed at Section 1100.205 are based on load checking requirements using visual and olfactory observations and photo ionization detectors ("PID"). Visual and olfactory observations are useful but hardly sufficient for obvious reasons. PIDs also have their limitations including, but not limited to, detection only of certain volatile chemical constituents, susceptibility to interferences (e.g., power lines, transformers, other electrical fields), and reliability under certain weather conditions (e.g., high winds, high humidity, rain).

March 5, 2012, Illinois Environmental Protection Agency's Testimony of Richard P. Cobb, P.G., p. 5. Therefore, the lack of effective procedures to identify contaminated materials from 1997 to 2010 highlights the need for groundwater monitoring to detect groundwater contamination from fill material that did not receive the level of pre-disposal scrutiny currently required.

Also, as mentioned in response to question 5 above, the People have had 13 enforcement cases involving CCDD operations that did not comply with the Act and Board CCDD Regulations. Accordingly, there remains the risk that non-CCDD/USF materials will be deposited either accidently or knowingly in violation of the Act.

Finally, CCDD is not actually "clean," as CCDD by its very definition may lawfully contain carcinogenic compounds in the form of PNAs (i.e. reclaimed or other asphalt) without reference to any regulatory levels. **See 415 ILCS 5/3.160(b) (2010). Therefore, the threat of groundwater contamination will always exist at CCDD facilities, particularly because at this time there is no requirement in the Part 1100 Regulations to employ any protective liners.

³ Adopted in R06-19 at 30 III. Reg. 14534, effective August 24, 2006.

⁴ Section 3.160(c)(1) of the Act, which required the Board to adopt maximum concentrations of contaminants only dealt with soils, not broken concrete, bricks, rock, stone, or reclaimed or other asphalt pavement. 415 ILCS 5/3.160(c)(1) (2010).

8. Mr. Lansu, on behalf of the Land Reclamation & Recycling Association, provided comments to Subdocket B. PC 58. He provided groundwater monitoring data results from a large CCDD facility located in Lyons. These CCDD materials were deposited for a period of time that predates existing CCDD regulations and comes from a highly urbanized environment, yet no groundwater contamination was detected. Similar results were provided for a CCDD site in Kane County. So, while groundwater monitoring has not been widespread at CCDD facilities, where data are available, no contamination has been detected. Do these data results influence the participants' views on requiring monitoring at all CCDD and USF operations?

ANSWER:

The People restate its answer to question number 7 as its answer to this question 8.

In addition, the People have attached groundwater monitoring data for a CCDD facility in Lynwood Illinois that was operated from 1997 to 2003. See People v J.T. Einoder, Inc., et al., (Cook County Circuit Court, 00 CH 10635). Although, the data was obtained from a site that was found to be in violation of the Act, the violations were for the acceptance of CCDD above grade, not for accepting non-CCDD. Accordingly, the data is relevant to the discussion of groundwater contamination at CCDD fill sites.

A review of the data from the November 2012 sampling event at the Lynwood site shows groundwater exceedances of the 35 Ill. Adm. Code Part 620 Class I Groundwater Monitoring Standards:

Monitoring Well – MW-1

Arsenic 0.0166 PPM [Standard: 0.01PPM] – Detected only in Illinois EPA sample

Iron 45.4 PPM (28 PPM) [Standard: 5 PPM] – Detected in both samples

Lead 0.118 PPM (0.0969 PPM) [Standard: 0.0075 PPM] – Detected in both samples

Manganese 2.49 PPM (1.45 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well – MW-2

Arsenic 0.0191 PPM [Standard: 0.01PPM] – Detected only in Illinois EPA sample Iron 32.6 PPM (22.8 PPM) [Standard: 5 PPM] – Detected in both samples

Lead 0.0493 PPM (0.0214 PPM) [Standard: 0.0075 PPM] – Detected in both samples

⁵ On November 14, and 15, 2012, the Illinois EPA and Anderson Environmental Consulting, Inc. (AEC) split samples of nine monitoring wells (MW-1 through MW-9). The sampling was the first quarter of groundwater sampling that was ordered by the Court. The attached laboratory results are from Suburban Laboratories, Inc. (Ex. A) and the Illinois EPA Laboratory (Ex. B).

Manganese 1.99 PPM (1.65 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well - MW-2 Illinois EPA Duplicate Sample

Arsenic 0.0275 PPM [Standard: 0.01PPM]

Iron 24 PPM [Standard: 5 PPM]

Lead 0.0199 PPM [Standard: 0.0075 PPM] Manganese 1.53 PPM [Standard: 0.15 PPM]

Bis(2-ethylhex)phthalate 0.0065 PPM [Standard: 0.006 PPM]

Monitoring Well – MW-3

Arsenic 0.118 PPM (0.0918) [Standard: 0.01PPM] – Detected only in Illinois EPA sample

Iron 22.3 PPM (10.5 PPM) [Standard: 5 PPM] – Detected in both samples 0.0146 PPM [Standard: 0.0075 PPM] – Detected only in AEC's sample Manganese 1.05 PPM (0.168 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well – MW-4

Arsenic 0.0222 PPM (0.0847) [Standard: 0.01PPM]—Detected only in Illinois EPA sample

Iron 29.3 PPM (10.8 PPM) [Standard: 5 PPM] – Detected in both samples
Lead 0.0322 PPM [Standard: 0.0075 PPM] – Detected only in AEC's sample
Manganese 1.27 PPM (0.901 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well - MW-5

Arsenic

O.0672 PPM (0.0258) [Standard: 0.01PPM] – Detected in both samples

Iron

9.44 PPM (20.5 PPM) [Standard: 5 PPM] – Detected in both samples

Lead

0.00154 PPM (0.0112) [Standard: 0.0075 PPM] – Detected in both samples

Manganese

0.824 PPM (0.652 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well – MW-6

Iron 8.65 PPM (10.2 PPM) [Standard: 5 PPM] – Detected in both samples
Lead 0.0192 PPM (0.0126) [Standard: 0.0075 PPM] – Detected in both samples
Manganese 2.09 PPM (2.32 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well – MW-6 Illinois EPA Duplicate Sample

Iron 8.45 PPM [Standard: 5 PPM]

Lead 0.0198 PPM [Standard: 0.0075 PPM] Manganese 1.97 PPM [Standard: 0.15 PPM]

Monitoring Well – MW-7

Arsenic 0.0123 PPM [Standard: 0.01PPM] – Detected only in Illinois EPA sample Iron 21.3 PPM (10.2 PPM) [Standard: 5 PPM] – Detected in both samples 0.044 PPM [Standard: 0.0075 PPM] – Detected only in AEC's sample Manganese 1.72 PPM (0.843 PPM) [Standard: 0.15 PPM] – Detected in both samples

Monitoring Well - MW-8

Boron 3.6 PPM [Standard: 2 PPM] – Detected only in Illinois EPA sample

Iron 25.2 PPM (8.46 PPM) [Standard: 5 PPM] – Detected in both samples

Lead 0.0313 PPM (0.0408) [Standard: 0.0075 PPM] – Detected in both samples

Manganese 0.782 PPM (0.353 PPM) [Standard: 0.15 PPM] – Detected in both samples

Benzene 0.00056 PPM [Standard: 0.005 PPM] – Detected only in AEC's sample

Benzo(a)anthracene 0.029 PPM [Standard: 0.00013] – Detected only in Illinois EPA sample

Monitoring Well - MW-8

Benzo(a)pyrene 0.027 PPM [Standard: 0.0002 PPM] - Detected only in Illinois

EPA sample

Benzo(b)fluoranthene 0.031 PPM [Standard: 0.00018 PPM] – Detected only in Illinois

EPA sample

Chrysene 0.030 PPM [Standard: 0.00012 PPM] - Detected only in Illinois

EPA sample

Benzo(k)fluoranthene 0.032 PPM [Standard: 0.00018 PPM] – Detected only in Illinois

EPA sample

Ideno(1,2,3-cd)pyrene 0.0076 PPM [Standard: 0.00043 PPM] – Detected only in Illinois

EPA sample

Dibenzo(a,h)anthracene 0.0024 PPM [Standard: 0.0003 PPM] – Detected only in Illinois

EPA sample

Bis(2-ethylhexl)phthalate 0.023 PPM [Standard: 0.006 PPM] – Detected only in Illinois

EPA sample

Monitoring Well - MW-8 AEC Duplicate Sample

Iron 9.14 PPM [Standard: 5 PPM]

Lead 0.04 PPM [Standard: 0.0075 PPM]

Manganese 0.268 PPM [Standard: 0.15 PPM]

Benzo(b)fluoranthene 0.00197 PPM [Standard: 0.00018]

Monitoring Well – MW-9

Arsenic

O.0256 PPM [Standard: 0.01PPM] – Detected only in Illinois EPA sample

Iron

17.7 PPM (12.6 PPM) [Standard: 5 PPM] – Detected in both samples

Lead

0.0116 PPM [Standard: 0.0075 PPM] – Detected only in AEC's sample

Manganese

0.973 PPM (0.478 PPM) [Standard: 0.15 PPM] – Detected in both samples

Based on the foregoing data from 3 CCDD facilities,⁶ an admittedly small sample size, the People submit that the data shows that one third of the CCDD facilities show groundwater contamination. Although the foregoing may not be representative of all CCDD facilities, the People respectfully request that the Board include groundwater monitoring in the Part 1100

⁶ The Lyons facility, the Kane County facility, and the Lynwood Facility.

Regulations to protect groundwater, as the General Assembly and the Constitution require. *See* ILCS 5/22.51(f)(1), and 415 ILCS 55/2 (Groundwater Protection Act); *see also* ILCS Const. Art. 11, § 2 (Each person has the right to a healthful environment).

Respectfully submitted,

PEOPLE OF THE STATE OF ILLINOIS, by LISA MADIGAN,
Attorney General of the State of Illinois,

By:

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MATTHEW J. DUNN, Chief Environmental Enforcement/. Asbestos Litigation Division ELIZABETH WALLACE, Chief Environmental Bureau Assistant Attorney General

CERTIFICATE OF SERVICE

I, STEPHEN J. SYLVESTER, an Assistant Attorney General in this case, do certify that I caused to be served this 13th day of May, 2013, the foregoing Office of the Attorney General's Responses To The Board's Pre-Filed Questions and Notice of Filing upon the persons listed on the Service List by depositing same in an envelope, first class postage prepaid, with the United States Postal Service at 100 West Randolph Street, Chicago, Illinois, at or before the hour of 5:00 p.m.

STEPHEN J. SYLVESTER

AEC SAMPLE RESULTS A

SUBURBAN LABORATORIES, Inc.



4140 Litt Drive Hillside, Illinois 60162
Tel. (708) 544-3260 Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

Workorder: 1211870

December 10, 2012

Steve Anderson Anderson Environmental Consulting, Inc. 6655 Main Street, Suite 110 Downers Grove, IL 60516

TEL: (630) 725-0400 FAX: (630) 725-0401

RE: LYN

Dear Steve Anderson:

Suburban Laboratories, Inc. received 13 sample(s) on 11/16/2012 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation on, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Melissa Amador

Melissa Amador

Project Manager

CC:

Kara Kooken





Case Narrative

Client: Anderson Environmental Consulting, Inc.

Project: LYN WorkOrder: 1211870

Temperature of samples upon receipt at SLI: 6 C

Date: December 10, 2012

PO #:

QC Level: Chain of Custody #: 107728

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.

Abbreviations:

- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. TNTC: Too Numerous To Count
- In Laboratory: EPA recommends this analyte be analyzed "immediately" (e.g., tests that should be performed in the field within 15 minutes of collection). Analytes with "immediate" hold times are analyzed as soon as possible upon receipt by the laboratory.
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:

For a complete list of method references please contact us.

- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

This report supersedes the report dated 11/30/12.

515

Client: Anderson Environmental Consulting, Inc.

Date: December 10, 2012

Project: LYN WorkOrder: 1211870 PO #: OC Level:

Temperature of samples upon receipt at SLI: 6 C

Chain of Custody #: 107728

Samples 1211870-001B, 003B, 008B and 010B had surrogate recovery outside of laboratoy control limits possibly due to sample matrix. All other QC was in control.

1211870-012A: The Field Blank was incorrectly logged in as sample 1211870-011A and as 1211870-12A. The analysis of -12A was cancelled, which resulted in a break in the sequence of sample numbers between the Field Blank (-011A) and the Trip Blank (-012A).



Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-1

Lab ID: 1211870-001

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Parameter Par	Lab ID: 2 1870-00	Date i	Received:	11/16/2012 2	:35 PM	Collection	Date: 11.	/15/2012 12:03 PM	
CHLORINATED PESTICIDES	Parameter	Resuit	MCL	•	Ouai.	Units		Date Analyzed	Batch ID
Hexachiorobenzene					<u> </u>			Date Many Dec	Daten 12
St. 4.4 - Decirior Compounds	CHLORINATED PESTICIDES			Method:	EPA-508-Rev 3	.1, 1995		Analyst: mn	
SS: 4,4"-Dichlorobiphenyl SO: 3 S6.8-111 %REC 1 11/27/2012 9:20 PM 12574		ND		0		mg/L	1	11/27/2012 9:20 PM	12574
Pertlachlorophenol Internal Quatity Control Compounds SS: DCAA 13.3 70-130 S %REC 1 11/29/2012 5:43 AM 12528 METALS BY ICP Method: EPA-SW8010B-Rev 2, Dec-96 Analyst: Jmix Aluminum 3.30 3.50 0.0174 Method: EPA-SW8010B-Rev 2, Dec-96 Analyst: Jmix Aluminum 0.30 0.500 0.0200 mg/L 1 11/20/2012 6:49 PM 12541 Arsenic ND 0.0500 0.0200 mg/L 1 11/20/2012 6:49 PM 12541 Bartum 0.079 0.000 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Cadrilum ND 0.00500 0.00100 mg/L 1 11/20/2012 6:49 PM 12541 Calcilum 243 0.0151 Calcilum 0.00559 0.00100 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00100 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.00599 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Iton 45.4 5.00 0.0050 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0050 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.00000 0.00000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.00000 0.00000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.000000 0.00000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.00000 0.00000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.00000 0.00000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.00000 0.00000 m		80.3		56.8-111		%REC	1	11/27/2012 9:20 PM	12574
Name	CHLORINATED ACID HERBICIDES			Method:	EPA-515.1-Rev	4.t, 1995		Analyst: mn	
SS: DCAA 13.3 70-130 S %REC 1 11/29/2012 5:43 AM 12528	Pentachlorophenol	ND		0		mg/L	1	11/29/2012 5:43 AM	12528
Methads BY ICP Methads EPA-SW8010B-Rev 2, Dec-96 Analysis; Imk					_				
Aluminum 3.30 3.50 0.0174 mg/L 1 11/20/2012 6:49 PM 12541 Arsenic ND 0.0500 0.0200 mg/L 1 11/20/2012 6:49 PM 12541 Barium 0.979 2.00 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Cadmilum ND 0.0500 0.00100 mg/L 1 11/20/2012 6:49 PM 12541 Calcium 243 0.0151 mg/L 1 11/20/2012 6:49 PM 12541 Calcium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Cobalt 0.0229 1.00 0.00909 J mg/L 1 11/20/2012 6:49 PM 12541 Copper ND 0.550 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00802 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.000 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Vanadlum 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Vanadlum 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.00062 0.00600 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.00062 0.00600 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.00062 0.00600 mg/L 1 11/20/2012 6:49 PM 12542 COGGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: m 4.4-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	SS: DCAA	13.3		70-130	S	%REC	1	11/29/2012 5:43 AM	12528
Arsenic ND 0.0500 0.0200 mg/L 1 11/20/2012 6:49 PM 12541 Barlum 0.979 2.00 0.00550 mg/L 1 11/20/2012 6:49 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 6:49 PM 12541 Cadmlum ND 0.00500 0.00100 mg/L 1 11/20/2012 6:49 PM 12541 Calcium 243 0.0151 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Coplet ND 0.6500 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0018 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0018 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Magneslum 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Magneslum 179 0.00082 mg/L 1 11/20/2012 6:49 PM 12541 Silver 0.00550 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodlum 985 1.00 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0050 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.0062 0.0060 0.0060 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.0062 0.0060 0.0060 mg/L 1 11/20/2012 6:49 PM 12542 Antimony 0.0062 0.0060 0.0060 mg/L 1 11/20/2012 6:49 PM 12542 Antimon	METALS BY ICP			Method:	EPA-SW6010B	Rev 2, Dec-96		Analyst; jmk	
Barium 0.979 2.00 0.00500 mg/L 1 11/20/2012 6:49 PM 12541	Aluminum	3.30	3.50	0.0174		mg/L	1	11/20/2012 6:49 PM	12541
Beryllium	Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 6:49 PM	12541
Cadmium ND 0.00500 0.00100 mg/L 1 11/21/2012 10:34 AM 12541 Calcium 243 0.0151 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Cobalt 0.0229 1.00 0.00909 J mg/L 1 11/20/2012 6:49 PM 12541 Copper ND 0.650 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnestum 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Magnestum 179 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnestum 179 0.0150 0.0082 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.0040 mg/L 1 11/20/2012 6:49	Barium	0.979	2.00	0.00500		mg/L	1	11/20/2012 6:49 PM	12541
Calcium 243 0.0151 mg/L 1 11/20/2012 6:49 PM 12541 Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Cobalt 0.0229 1.00 0.00909 J mg/L 1 11/20/2012 6:49 PM 12541 Copper ND 0.656 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Potassium 64.5 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Soliver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49	Beryllium					mg/L	1	11/20/2012 6:49 PM	12541
Chromium 0.00559 0.100 0.00500 mg/L 1 11/20/2012 6:49 PM 12541 Cobalt 0.0229 1.00 0.00909 J mg/L 1 11/20/2012 6:49 PM 12541 Copper ND 0.550 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 1	Cadmium		0.00500	0.00100		mg/L	1	11/21/2012 10:34 AM	12541
Cobalt 0.0229 1.00 0.0999 J mg/L 1 11/20/2012 6:49 PM 12541 Copper ND 0.650 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0258 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potasslum 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1						mg/L		11/20/2012 6:49 PM	12541
Copper ND 0.650 0.00299 mg/L 1 11/20/2012 6:49 PM 12541 Iron 45.4 5.00 0.0117 mg/L 1 11/20/2012 6:49 PM 12541 Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potassium 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 1 11/20/2012 6:49 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12						mg/L		11/20/2012 6:49 PM	12541
Iron 45.4 5.00 0.0117 " mg/L 1 11/20/2012 6:49 PM 12541 Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 " mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potassium 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 1 11/20/2012 6:49 PM 12541 Vanadhum 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM <td< td=""><td></td><td></td><td></td><td></td><td>J</td><td>-</td><td></td><td></td><td></td></td<>					J	-			
Magnesium 179 0.0109 mg/L 1 11/20/2012 6:49 PM 12541 Manganese 2.49 0.150 0.00882 mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potassium 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 1 11/20/2012 6:49 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW8020-Rev 0, Sep-94 Analyst: dc	•••					•			
Manganese 2.49 0.150 0.00882 " mg/L 1 11/20/2012 6:49 PM 12541 Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potasslum 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 10 11/21/2012 2:08 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW8020-Rev 0, Sep-94 Analyst: dc Analyst: dc Analyst: dc Analyst: dc Antimony 0.0062 0.00600 0.00050 mg/L 1			5.00		•	•	-		
Nickel 0.0256 0.100 0.00400 mg/L 1 11/20/2012 6:49 PM 12541 Potasslum 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 10 11/21/2012 2:08 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 Method: SW846-SW6020-Rev 0, Sep-94 Analyst: dc Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thaillium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4.4'-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4.4'-DDE ND 0.0100 0.00050 mg/L 1 11/26/2012 7:11 PM 12554 4.4'-DDE					_	-	-		
Potassium 64.5 0.0400 mg/L 1 11/20/2012 6:49 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 10 11/21/2012 2:08 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW8020-Rev 0, Sep-94 Analyst: dc Method: SW846-SW8020-Rev 0, Sep-94 Analyst: dc Analyst: dc Thillium 0.00062 0.00060 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4,4*-DDD ND	_				•	-			
Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 6:49 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 10 11/21/2012 2:08 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 Method: SW846-SW6020-Rev 0, Sep-94 Analyst: dc Analyst: dc Method: SW846-SW6020-Rev 0, Sep-94 Analyst: dc Analyst: dc Analyst: dc Method: SW846-SW6020-Rev 0, Sep-94 Analyst: dc Analyst: dc Analyst: dc D 0.00002 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 D 0.00000 0.00010 mg/L 1 11/21/2012 6:49 PM 12542			0.100			_			
Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 6:49 PM 12541 Sodium 985 1.00 mg/L 10 11/21/2012 2:08 PM 12541 Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW6020-Rev 0, Sep-84 Analyst: dc Analyst: dc Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn Analyst: mn 4,4'-DDE ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>•</td><td></td><td></td><td></td></t<>						•			
Sodium						_			
Vanadium 0.0124 0.0490 0.00259 mg/L 1 11/20/2012 6:49 PM 12541 Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW6020-Rev 0, Sep-84 Analyst: dc Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4,4*-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4,4*-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554			0.0500			-	-		
Zinc 0.0822 5.00 0.0150 mg/L 1 11/20/2012 6:49 PM 12541 METALS BY ICPMS Method: SW846-SW6020-Rev 0, Sep-94 Analyst: dc Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4,4*-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4,4*-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554						•			
METALS BY ICPMS Method: SW846-SW8020-Rev 0, Sep-84 Analyst: dc Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn Analyst: mn 4,4*-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4,4*-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554						•			
Antimony 0.00062 0.00600 0.00060 mg/L 1 11/21/2012 2:04 PM 12542 Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thaillium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4.4 - DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	Zinc	0.0822	5.00	0.0150		mg/L	1	11/20/2012 6:49 PM	12541
Lead 0.118 0.00750 0.00010 mg/L 1 11/21/2012 2:04 PM 12542 Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:46 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 4,4'-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4,4'-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	METALS BY ICPMS			Method	: SW846-SW602	0-Rev 0, Sep-9	4	Analyst: dc	
Thallium ND 0.00200 0.00010 mg/L 1 11/21/2012 6:45 PM 12542 ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn Analyst: mn 4,4"-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4,4"-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	Antimony	0.00062	0.00600	0.00060		mg/L	1	11/21/2012 2:04 PM	12542
ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analysi: mn 4,4'-DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 12554 4,4'-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 12554	Lead	0.118	0.00750	0.00010	•	mg/L	1	11/21/2012 2:04 PM	12542
4.4 - DDD ND 0.0140 0.000050 mg/L 1 11/26/2012 7:11 PM 12554 4.4 - DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	Thallium	ND	0.00200	0.00010		mg/L	1	11/21/2012 6:46 PM	12542
4.4'-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	ORGANOCHLORINE PESTICIDES			Method	: EPA-SW8081A	\-Rev 1, Dec-96		Analyst: mn	
4.4'-DDE ND 0.0100 0.000050 mg/L 1 11/26/2012 7:11 PM 12554	4,4*-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 7:11 PM	12554
	4,4'-DDE	ND	0.0100	0.000050		•			
	4,4"-DDT	ND	0.00600	0.000050		-			



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-I

Matrix: GROUNDWATER

Lab 1D: 1211870-001 Date Received: 11/16/2012 2:35 PM Collection Date: 11/15/2012 12:03 PM Dilution Report MCL Limit Factor Date Analyzed Result Batch ID Parameter Qual. Units ORGANOCHLORINE PESTICIDES Method: EPA-SW8081A-Rev 1, Dec-96 Analyst: mn 11/26/2012 7:11 PM 0.0140 0.000025 12554 Aldrin ND mg/L alpha-BHC ND 0.000110 0.000025 mg/L 1 11/26/2012 7:11 PM 12554 12554 aipha-Chlordane ND 0.000025 mg/L 11/26/2012 7:11 PM beta-BHC ND 11/26/2012 7:11 PM 12554 0.000025 mg/L 0.00200 11/26/2012 7:11 PM 12554 Chlordane ND 0.000100 mg/L ND 11/26/2012 7:11 PM 12554 delta-BHC 0.000025 mg/L ND 0.00900 11/26/2012 7:11 PM 12554 Dieldrin 0.000050 mg/L 12554 Endosulfan I ND 0.000025 mg/L 11/26/2012 7:11 PM 12554 ND 0.000050 11/26/2012 7:11 PM Endosulfan II mg/L ND 0.000050 11/26/2012 7:11 PM 12554 Endosulfan sulfate mg/L 12554 Endrin ND 0.00200 0.000050 mg/L 11/26/2012 7:11 PM 11/26/2012 7:11 PM 12554 ND 0.000050 mg/L Endrin aldehyde 12554 ND 0.000050 mg/L 11/26/2012 7:11 PM Endrin ketone 11/26/2012 7:11 PM 12554 gamma-BHC ND 0.000200 0.000025 mg/L 11/26/2012 7:11 PM 12554 gamma-Chlordane ND 0.000025 mg/L ND 0.000400 0.000025 11/28/2012 7:11 PM 12554 mg/L Heptachlor 0.000025 11/26/2012 7:11 PM 12554 Heptachlor epoxide ND 0.000200 mg/L 0.0400 0.000250 mg/L 11/26/2012 7:11 PM 12554 Methoxychior ND Internal Quality Control Compounds 74.5 %REC 11/26/2012 7:11 PM 12554 31-143 SS: Tetrachloro-m-xylene Method; EPA-SW8082-Rev 0, Dec-96 Analyst: dp **PCBS** ND 0.000500 0.000100 mg/L 11/20/2012 2:10 PM 12555 Araciar 1016 mg/L ND 0.000500 0.000100 11/20/2012 2:10 PM 12555 Aroclor 1221 0.000100 mg/L 11/20/2012 2:10 PM 12555 ND 0.000500 Aroclor 1232 mg/L ND 0.000500 0.000100 11/20/2012 2:10 PM 12555 Aroclor 1242 11/20/2012 2:10 PM 12555 Aroclor 1248 ND 0.000500 0.000100 mg/L 11/20/2012 2:10 PM 12555 0.000100 mg/L Aroclor 1254 ND 0.000500 11/20/2012 2:10 PM 12555 0.000100 mg/L Aroclor 1260 ND 0.000500 Internal Quality Control Compounds 12555 86.2 40.4-143 %REC 11/20/2012 2:10 PM SS: Tetrachloro-m-xylene Method: EPA-SW8260B-Rev 2, Dec-96 Analyst; Is **VOLATILE ORGANIC COMPOUNDS** 11/28/2012 3:52 PM R29445 ND 0.200 0.000200 ma/L 1,1,1-Trichloroethane 11/28/2012 3:52 PM R29445 0.420 0.000200 mg/L 1,1,2,2-Tetrachloroethane ND mg/L 11/28/2012 3:52 PM R29445 1,1,2-Trichloroethane ND 0.00500 0.000200 R29445 mg/L 11/28/2012 3:52 PM 1,1-Dichloroethane ND 0.700 0.000200 11/28/2012 3:52 PM R29445 0.00700 0.000200 mg/L 1,1-Dichloroethene ND 11/28/2012 3:52 PM R29445 0.00500 0.000200 mg/L 1,2-Dichloroethane ND R29445

0.00500

0.420

ND

ND

0.000200

0.00200

mg/L

mg/L

R29445

11/28/2012 3:52 PM

11/28/2012 3:52 PM

1,2-Dichloropropane

2-Butanone



Suburban Laboratories, Inc.

4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-1

Lab ID: |2|1870-001

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/15/2012 12:03 PM

ъ.	_	e - -	Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method: E	EPA-SW8260B-F	Rev 2, Dec-86		Analyst: Is	
2-Hexanone	ND		0.00500		mg/L	1	11/28/2012 3:52 PM	R29445
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/28/2012 3:52 PM	R29445
Acetone	ND	6.30	0.00500		mg/L	1	11/28/2012 3:52 PM	R29445
Benzene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Bromoform	ND	0.00100	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Chloroethane	ND		0.000200		mg/L	1	11/28/2012 3:52 PM	
Chloroform	ND	0.000200	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Chloromethane	ND		0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Ethylbenzene	ND	0.700	0.000200		mg/L	1		R29445
m,p-Xylene	ND	5.1.00	0.00200		mg/L	1	11/28/2012 3:52 PM	R29445
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/28/2012 3:52 PM	R29445
o-Xylene	ND	0.0000	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/28/2012 3:52 PM	R29445
Styrene	ND	0.100	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Toluene	ND	1.00	0.000200		•	1	11/28/2012 3:52 PM	R29445
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
trans-1,3-Dichloropropene	· ND	0.00500	0.000200		mg/L		11/28/2012 3:52 PM	R29445
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/28/2012 3:52 PM	R29445
Internal Quality Control Compounds	145	0.00200	0.000200		mg/L	1	11/28/2012 3:52 PM	. R29445
SS: 4-Bromofluorobenzene	95.8		67.9-119		~~~		4444	
SS: Dibromofluoromethane	106				%REC	1	11/28/2012 3:52 PM	R29445
SS: Toluene-d8			62.3-122		%REC	1	11/28/2012 3:52 PM	R29445
33. Folderie-do	96.4		68.2-119		%REC	1	11/28/2012 3:52 PM	R29445
SEMIVOLATILE ORGANICS (BNAS)			Melhod; i	PA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/10/2012 9:20 711	4055
1,2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 3:20 PM	12524
1,3-Dichlorobenzene	ND	0.000	0.010		mg/L	1	11/19/2012 3:20 PM	12524
1,4-Dichlorobenzene	ND	0.075	0.010		•		11/19/2012 3:20 PM	12524
2,4,5-Trichloropheno!	ND	0.700	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2.4,6-Trichlorophenol	ND	0.700	0.010		mg/L	1	11/19/2012 3:20 PM	12524
E-40-1101000 Option	ND	0.010	0.010		mg/L	1	11/19/2012 3:20 PM	12524



Suburban Laboratories, Inc.

4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-1

Lab ID: |211870-001

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/15/2012 12:03 PM

Daniel de la companya	_		Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Melhad:	EPA-8270C-Rev	3 000 00			
2,4-Dichlorophenol	ND	0.021	0.010	LI-N-02/00-NEV			Analyst: Is	
2,4-Dimethylphenol	ND	0.140	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L mg/L	1	11/19/2012 3:20 PM	12524
2,4-Dinitrotoluene	ND	1-4.0	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2-Chloronaphthalene	ND	0.560	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 3:20 PM	12524
2-Nitrophenol	ND	0.021	0.010		mg/L	1	11/19/2012 3:20 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 3:20 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1.	11/19/2012 3:20 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
4-Chloro-3-methylphenol	ND		0.010	,	mg/L	1	11/19/2012 3:20 PM 11/19/2012 3:20 PM	12524 12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 3:20 PM	12524
4-Chlorophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 3:20 PM	12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 3:20 PM	
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524 12524
Diethyl phthalate	ND	5.60	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Dimethyl phthalate	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		mg/L	1	11/19/2012 3:20 PM	
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 3:20 PM	12524 12524
Hexachlorobenzene	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
Hexachlorobutadiene	ND	0.007	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Hexachloroethane	ND	0.007	0,010		mg/L	1	11/19/2012 3:20 PM	12524
Isophorone	ND	1.40	0.010		mg/L	1	11/19/2012 3:20 PM	12524
m,p-Cresol	ND		0.010		mg/L	1	11/19/2012 3:20 PM	12524
Nitrobenzene	ND	0.004	0.010		mg/L	1	11/19/2012 3:20 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1		
N-Nitrosodiphenylamine	ND	0.003	0.010		•		11/19/2012 3:20 PM	12524
o-Cresol	ND	0.350	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Pentachlorophenol	ND	0.010	0.010		mg/L	-	11/19/2012 3:20 PM	12524
Phenol	ND	0.100	0.010		mg/L	1	11/19/2012 3:20 PM	12524
Internal Quality Control Compounds	140	0.100	3.5 10		mg/L	1	11/19/2012 3:20 PM	12524
SS: 2,4,6-Tribromophenol	80.6		36.6-133		0/050		444400444	
SS: 2-Fluorobiphenyl	54.1				%REC	1	11/19/2012 3:20 PM	12524
	J4.1		26.8-113		%REC	1	11/19/2012 3:20 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-I

Lab ID: 1211870-001

Date Received: 11/16/2012 2:35 PM

P	D . I.	1401	Report	01	I to the	Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method: I	EPA-8270C-Rev	3, Dec-96		Analyst: is	
SS: 2-Fluorophenol	56,4		0.1-110		%REC	1	11/19/2012 3:20 PM	12524
SS: 4-Terphenyl-d14	42.9		31.3-152		%REC	1	11/19/2012 3:20 PM	12524
SS: Nitrobenzene-d5	53.7		13.8-115		%REC	1	11/19/2012 3:20 PM	12524
SS: Phenol-d6	48.5		1.14-110		%REC	1	11/19/2012 3:20 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIN	A		Method: I	EPA-8270C-Rev	3, Dec-96		Analyst; is	
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Benzo(a)anthracene	ND (0.000130	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Benzo(a)pyrene	ND (0.000200	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Benzo(b)fluoranthene	ND (0.000180	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Benzo(k)fluoranthene	ND (0.000170	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Dibenzo(a,h)anthracene	ND (0.000300	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Fluoranthene	0.000162	0.280	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Indeno(1,2,3-cd)pyrene	ND (0.000430	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Naphthalen e	ND	0.140	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Phenanthrene	0.000193	0.210	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Pyrene	0.000144	0.210	0.000100		mg/L	1	11/21/2012 8:23 AM	12527
Internal Quality Control Compounds								
SS: 2-Fluorobiphenyl	88.1		26.8-113		%REC	1	11/21/2012 8:23 AM	12527
SS: 4-Terphenyl-d14	79.9		31.3-152		%REC	1	11/21/2012 8:23 AM	12527
SS: Nitrobenzene-d5	89.4		13.8-115		%REC	1	11/21/2012 8:23 AM	12527
CYANIDE, TOTAL			Method:	EPA-SW9010B/	9014-Rev 0. I	Dec-96	Analyst: LAP	
Cyanide	0.010	0.20	0.010	ن	mg/L	1	11/26/2012 10:37 AM	R29321
MERCURY BY CVAA			Method:	EPA-SW7470A	Rev 1, Sep-9	4	Analyst: jmk	
Mercury	ND	0.0020	0.0002		mg/L	1	11/20/2012 2:00 PM	12530



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample 1D: MW-2

Lab ID: 1211870-002 Date Received: 11/16/2012 2:35 PM

Lab ID: 1211870-002	Date F	Received:	11/16/2012 2:3	5 PM	Collection I	Date: 11	/15/2012 10:37 AM	
Parameter	Result	MCL	Report Limit	Qual,	Units	Dilution Factor	Date Analyzed	Batch ID
CHLORINATED PESTICIDES			Method; E	PA-508-Rev 3	.1, 1995		Analyst: mn	
Hexachlorobenzene Internal Quality Control Compounds	ND		0		mg/L	1	11/27/2012 9:39 PM	12574
SS: 4,4 -Dichlorobiphenyl	81.8		56.8-111		%REC	1	11/27/2012 9:39 PM	12574
CHLORINATED ACID HERBICIDES			Method: E	PA-515.1-Rev	4.1, 1995		Analyst: mn	
Pentachlorophenol	ND		0		mg/L	1	11/29/2012 6:24 AM	. 12528
Internal Quality Control Compounds	•							
SS: DCAA	89.7		70-130		%REC	1	11/29/2012 6:24 AM	12528
METALS BY ICP			Method: E	PA-SW6010B	I-Rev 2, Dec-96		Analyst jmk	
Aluminum	2.09	3.50	0.0174		mg/L	1	11/20/2012 7:00 PM	12541
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 7:00 PM	12541
Barium	0.0508	2.00	0.00500		mg/L	1	11/20/2012 7:00 PM	12541
Berylllum	ND	0.00400	0.00250		mg/L	1	11/20/2012 7:00 PM	12541
Cadmium	ND	0.00500	0.00100		mg/L	1	11/21/2012 10:38 AM	12541
Calcium	465		0.0151		mg/L	1	11/20/2012 7:00 PM	12541
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 7:00 PM	12541
Cobalt	0.0216	1.00	0.00909	J	mg/L	1	11/20/2012 7:00 PM	12541
Copper	0.0171	0.650	0.00299		mg/L	1	11/20/2012 7:00 PM	12541
Iron	32.6	5.00	0.0117	•	mg/L	1	11/20/2012 7:00 PM	12541
Magnesium	171		0.0109		mg/L	1	11/20/2012 7:00 PM	12541
Manganese	1.99	0.150	0.00882	•	mg/L	1	11/20/2012 7:00 PM	12541 12541
Nickel	0.0285	0.100	0.00400		mg/L	1	11/20/2012 7:00 PM	12541
Potassium	6.55		0.0400		mg/L	1	11/20/2012 7:00 PM	
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 7:00 PM	12541
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 7:00 PM	12541
Sodium	53.4		1.00		mg/L	10	11/21/2012 2:11 PM	12541
Vanadium	0.00401	0.0490	0.00259	J	mg/L	1	11/20/2012 7:00 PM	12541
Zinc	0.0616	5.00	0.0150		mg/L	1	11/20/2012 7:00 PM	12541
METALS BY ICPMS			Method:	SW846-SW60	20-Rev 0, Sep-94	•	Analyst: dc	
Antimony	ND	0.00600	0.00060		mg/L	'n	11/21/2012 2:10 PM	12542
Lead	0.0493	0.00750	0.00010	•	mg/L	1	11/21/2012 2:10 PM	12542
Thallium	0.00015	0.00200	0.00010		mg/L	1	11/21/2012 6:51 PM	12542
ORGANOCHLORINE PESTICIDES			Method:		Analyst: mn			
4,4*-DDD	ND	0.0140	0.000050		mg/L	1	11/26/201 2 7:30 PM	12554
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 7:30 PM	12554
4,4'-DDT	ND		0.000050		mg/L	1	11/26/2012 7:30 PM	12554



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-2

Lab ID: 1211870-002

Date Received: 11/16/2012 2:35 PM

	D										
D	D		Report		• • • • •	Dilution					
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID			
ORGANOCHLORINE PESTICIDES			Method: I	EPA-SW8081A-F	Rev 1, Dec-96		Analyst: mn				
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
alpha-BHC	ND	0.000110	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 7:30 PM	12554			
delta-BHC	ND	****	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
Endosulfan I	· ND		0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
Endrin aldehyde	ND	0.00200	0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 7:30 PM	12554			
gamma-BHC		0.000200	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Heptachlor		0.000400	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Heptachlor epoxide		0.000200	0.000025		mg/L	1	11/26/2012 7:30 PM	12554			
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 7:30 PM	12554			
Internal Quality Control Compounds			0.000		g/ _	•	1 1/20/20 /2 7.50 F W	12334			
SS: Tetrachioro-m-xylene	71.8		31-143		%REC	1	11/26/2012 7:30 PM	12554			
PCBS			Method:	EPA-SW8082-R	ev 0, Dec-96		Analyst: dp				
Aroclor 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Aroclor 1221	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Araclor 1232	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Aroclor 1242	ND	0.000500	0.000100		mg/L	. 1	11/20/2012 2:28 PM	12555			
Arociar 1248	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Araclor 1254	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Araclor 1260	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:28 PM	12555			
Internal Quality Control Compounds						•		.2005			
SS: Tetrachloro-m-xylene	0.08		40.4-143		%REC	1	11/20/2012 2:28 PM	12555			
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-\$W8260B-	Rev 2, Dec-96		Analyst; Is				
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445			
1,1,2,2-Tetrachloroethane	ND	0,420	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445			
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445			
1,1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445			
1,1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445			
1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445 R29445			
1,2-Dichloropropane	ND	0.00500	0.000200		mg/L	1					
2-Butanone	ND	0.420	0.00200		-	1	11/28/2012 4:32 PM	R29445			
2. Dotariorio	שא	0.420	0.00200		mg/L	1	11/28/2012 4:32 PM	R29445			



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-2

Lab 1D: 1211870-002

Date Received: 11/16/2012 2:35 PM

Parameter	Result	MCI	Report Limit	Oual.	Units	Dilution Factor	Data Analyzad	Batch ID
rarameter	Result	MCL	Limit	- Quai.	Units	Factor	Date Analyzed	Baten 10
VOLATILE ORGANIC COMPOUNDS			Method; E	PA-SW8260B-	Rev 2, Dec-96		Analyst: Is	
2-Hexanone	ND		0.00500		mg/L	1	11/28/2012 4:32 PM	R29445
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/28/2012 4:32 PM	R29445
Acetone	ND	6.30	0.00500		mg/L	1	11/28/2012 4:32 PM	R29445
Benzene	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/28/2012 4:32 PM	R29445
Bramoform	ND	0.00100	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Chloroethane	NĐ		0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Chloroform	ND	0.000200	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Chloromethane	ND		0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
m,p-Xylene	ND		0.00200		mġ/L	1	11/28/2012 4:32 PM	R2944
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/28/2012 4:32 PM	R2944
o-Xylene	ND		0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/28/2012 4:32 PM	R2944
Styrene	ND	0.100	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Tetrachioroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Toluene	ND	1.00	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/28/2012 4:32 PM	R2944
Internal Quality Control Compounds					0 -			
SS: 4-Bromofluorobenzene	99.3	1	67.9-119		%REC	1	11/28/2012 4:32 PM	R2944
SS: Dibromofluoromethane	105		62.3-122		%REC	1	11/28/2012 4:32 PM	R2944
SS: Toluene-d8	100		68.2-119		%REC	1	11/28/2012 4:32 PM	R2944
	100	•		EPA-8270C-Re		·		
SEMIVOLATILE ORGANICS (BNAS)			Metrica:	Er#-02/00-Re	A 2' DED-80		Analyst: Is	
1,2,4-Trichlorobenzene	ND		0.010	·	mg/L	1	11/19/2012 3:56 PM	125
1,2-Dichlorobenzene	NO	0.600	0.010		mg/L	1	11/19/2012 3:56 PM	125
1,3-Dichlorobenzene	NE)	0.010		mg/L	1	11/19/2012 3:56 PM	125
1,4-Dichlorobenzene	NE	0.075	0.010		mg/L	1	11/19/2012 3:56 PM	125
2.4.5-Trichlorophenol	NC	0.700	0.010		mg/L	1	11/19/2012 3:56 PM	125
2,4,6-Trichlorophenol	NO	0.010	0.010		mg/L	1	11/19/2012 3:56 PM	125



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-2

Lab ID: 1211870-002

Date Received: 11/16/2012 2:35 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units		Date Analyzed	Batch ID
		-						
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst (s	
2,4-Dichlorophenol	ND	0.021	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2.4-Dimethylphenol	ND	0.140	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2,4-Dinitrotoluene	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
2-Chloronaphthaiene	ND	0.560	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 3:56 PM	12524
2-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 3:56 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 3:56 PM	12524
4.6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Chloro-3-methylphenol	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Chlorophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 3:56 PM	12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
Diethyl phthalate	ND	5.60	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Dimethyl phthalate	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 3:56 PM	
Hexachlorobenzene	ND		0.010		mg/L	1	11/19/2012 3:56 PM	12524
Hexachlorobutadlene	ND	0.007	0.010		mg/L	1		12524
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Hexachloroethane	ND	0.007	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Isophorone	ND	1.40	0.010		-		11/19/2012 3:56 PM	12524
m,p-Cresol	ND	1.40	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Nitrobenzene	ND	0.004	0.010		mg/L	1	11/19/2012 3:56 PM	12524
N-Nitroso-di-n-propylamine	ND	0.004			mg/L	1	11/19/2012 3:56 PM	12524
N-Nitrosodiphenylamine	· ND	0.002	0.010		mg/L	1	11/19/2012 3:56 PM	12524
o-Cresol			0.010		mg/L	1	11/19/2012 3:56 PM	12524
Pentachiorophenol	ND	0.350	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Phenol	ND	0.010	0.010		mg/L	1	11/19/2012 3:56 PM	12524
	ND	0.100	0.010		mg/L	1	11/19/2012 3:56 PM	12524
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenol	49.8		36.6-133		%REC	1	11/19/2012 3:56 PM	12524
SS: 2-Fluorobiphenyl	57.2		26.8-113		%REC	1	11/19/2012 3:56 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-2

Lab ID: 1211870-002

Date Received: 11/16/2012 2:35 PM

Parameter	Result	MCI	Report Limit	01	Units	Dilution Factor	Data Amelioned	Dodok ID
i arameter	Result	MCL	Limit	Qual	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
SS: 2-Fluorophenol	40.4		0.1-110		%REC	1	11/19/2012 3:56 PM	12524
SS: 4-Terphenyl-d14	27.2		31.3-152	S	%REC	1	11/19/2012 3:56 PM	12524
SS: Nitrobenzene-d5	51.0		13.8-115		%REC	1	11/19/2012 3:56 PM	12524
SS: Phenol-d6	28.0		1.14-110		%REC	1	11/19/2012 3:56 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Benzo(a)anthracene	ND 0.	.000130	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Benzo(a)pyrene	ND 0.	.000200	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Benzo(b)fluoranthene	ND 0.	.000180	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Benzo(k)fluoranthene	ND 0	.000170	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Chrysene	ND (0.00150	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Dibenzo(a,h)anthracene	ND 0	.000300	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Fluoranthene	ND	0,280	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 8:59 AM	· 12527
Indeno(1,2,3-cd)pyrene	ND 0	.000430	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Naphthalene	ND	0.140	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 8:59 AM	12527
Internal Quality Control Compounds								
SS: 2-Fluorobiphenyl	78.0		26.8-113		%REC	1	11/21/2012 8:59 AM	12527
SS: 4-Terphenyl-d14	78.7		31.3-152		%REC	1	11/21/2012 8:59 AM	12527
SS: Nitrobenzene-d5	75.6		13.8-115		%REC	1	11/21/2012 8:59 AM	12527
CYANIDE, TOTAL			Method	EPA-SW9010B	/9014-Rev 0,	Dec-96	Analyst: LAP	
Cyanide	ND	0.20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321
MERCURY BY CVAA			Method	: EPA-SW7470A	-Rev 1, Sep-9	14	Analyst: jmk	
Mercury	ND		0.0002		mg/L	1	11/20/2012 2:02 PM	12530



Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-3

Lab ID: 1211870-003

Date Received: 11/16/2012 2:35 PM

	Conection Date: 11/13/2012 9:25 AM										
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID			
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-		Date Allatyzed	Baten ID			
CHLORINATED PESTICIDES			Method: E	EPA-508-Rev 3.	1, 1995		Analyst mn				
Hexachlorobenzene	ND		0		mg/L	1	11/27/2012 9:57 PM	12574			
Internal Quality Control Compounds											
SS: 4,4'-Dichlorobiphenyi	77.9		56.8-111		%REC	1	11/27/2012 9:57 PM	12574			
CHLORINATED ACID HERBICIDES			Method: E	PA-515.1-Rev	4.1, 1995		Analyst mn				
Pentachlorophenol	ND		0	•	mg/L	1	11/29/2012 7:05 AM	12528			
Internal Quality Control Compounds				,	•			12320			
SS: DCAA	18.6		70-130	S	%REC	1	11/29/2012 7:05 AM	12528			
METALS BY ICP			Method: E	PA-SW6010B-	Rev 2, Dec-96		Analyst: jmk				
Aluminum	0.911	3.50	0.0174		mg/L	1	11/20/2012 7:10 PM	10544			
Arsenic	0.118	0.0500	0.0200	•	mg/L	1	11/20/2012 7:10 PM	12541			
Barium	0.262	2.00	0.00500		mg/L	1	11/20/2012 7:10 PM	12541			
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 7:10 PM	12541			
Cadmium	0.00224	0.00500	0.00100	j	mg/L	1	11/21/2012 10:42 AM	12541			
Calcium	384		0.0151	_	mg/L	1	11/20/2012 7:10 PM	12541 12541			
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 7:10 PM	12541			
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 7:10 PM	12541			
Copper	ND	0.650	0.00299		mg/L	1	11/20/2012 7:10 PM	12541			
Iron	22.3	5.00	0.0117		mg/L	1	11/20/2012 7:10 PM	12541			
Magnesium	180		0.0109		mg/L	1	11/20/2012 7:10 PM	12541			
Manganese	1.05	0.150	0.00882	•	mg/L	1	11/20/2012 7:10 PM	12541			
Nickel	0.0173	0.100	0.00400		mg/L	1	11/20/2012 7:10 PM				
Potassium	11.4		0.0400		mg/L	1	11/20/2012 7:10 PM	12541			
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 7:10 PM	12541			
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 7:10 PM	12541			
Sodium	463	0.2002	1.00	,	mg/L	10	11/21/2012 2:14 PM	12541			
Vanadium	ND	0.0490	0.00259		mg/L	1		12541			
Zinc	0.0151	5.00	0.0150	J	mg/L	1	11/20/2012 7:10 PM 11/20/2012 7:10 PM	12541 12541			
METALS BY ICPMS				- SW846-SW6020	•	•	Analyst: dc	12341			
							Analyst ut				
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 2:15 PM	12542			
Lead	0.0146	0.00750	0.00010	•	mg/L	1	11/21/2012 2:15 PM	12542			
Thallium	ND	0.00200	0.00010		mg/L	1	11/21/2012 6:56 PM	12542			
ORGANOCHLORINE PESTICIDES			Method: E	EPA-SW8081A-	Rev 1, Dec-96		Analyst: mn				
4,4'-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 7:48 PM	12554			
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 7:48 PM	12554			
4,4'-DDT	ND	0.00600	0.000050		mg/L	1	11/26/2012 7:48 PM	12554			



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-3

Lab ID: 1211870-003

Date Received: 11/16/2012 2:35 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
ORGANOCHLORINE PESTICIDES			Method: E	PA-SW8081A-I	Rev 1, Dec-96		Analyst: mn	
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 7:48 PM	12554
alpha-BHC	ND 0	0.000110	0.000025		mg/L	1	11/26/2012 7:48 PM	12554
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 7:48 PM	12554
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 7:48 PM	12554
della-BHC	ND		0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 7:48 PM	12554
Endosulfan I	ND		0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 7:48 PM	12554
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 7:48 PM	12554
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 7:48 PM	12554
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 7:48 PM	12554
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 7:48 PM	12554
gamma-BHC	ND (0.000200	0.000025		mg/L	1	11/26/2012 7:48 PM	12554
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Heptachlor	ND (0.000400	0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Heptachlor epoxide	ND	0.000200	0.000025		mg/L	1	11/26/2012 7:48 PM	12554
Methoxychior	ND	0.0400	0.000250		mg/L	1	11/26/2012 7:48 PM	12554
Internal Quality Control Compounds								
SS: Tetrachloro-m-xylene	62.2		31-143		%REC	1	11/26/2012 7:48 PM	12554
PCBS			Method: I	EPA-SW8082-R	ev 0, Dec-96		Analyst: dp	
Aroclor 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 2:46 PM	12555
Aroclar 1221		0.000500	0.000100		mg/L	1	11/20/2012 2:46 PM	12555
Arocior 1221 Arocior 1232		0.000500	0.000100		mg/L	1	11/20/2012 2:46 PM	12555
		0.000500	0.000100		mg/L	1	11/20/2012 2:46 PM	12555
Aroclor 1242		0.000500	0.000100		mg/L	1	11/20/2012 2:46 PM	12555
Aroclor 1248			0.000100		mg/L	1	11/20/2012 2:46 PM	12555
Aroclor 1254		0.000500			mg/L	1	11/20/2012 2:46 PM	12555
Aroclor 1260	NU	0.000500	0.000100		myrc	'	1 1/20/20 12 2.40 FW	12000
Internal Quality Control Compounds			10 1 110		W DEC	1	44/20/2042 2:46 DM	12555
SS: Tetrachloro-m-xylene	72.5		40.4-143		%REC	1	11/20/2012 2:46 PM	12555
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW8260B	-Rev 2, Dec-9	6	Analyst: Is	
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1.1.2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1,1-Dichlorcethane	ND	0.700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1.1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1,2-Dichloroethane	ND		0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
1,2-Dichloropropane	ND		0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
2-Butanone	ND		0.00200		mg/L	1	11/28/2012 5:12 PM	R29445
2-00(6)(0)(6								



Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample 1D: MW-3

Lab ID: 1211870-003

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/15/2012 9:25 AM

Downstan	~	1461	Report			Dilution	_	
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW82608-	Rev 2, Dec-96	i	Analyst: is	
2-Hexanone	ND		0.00500		mg/L	1	11/28/2012 5:12 PM	R29445
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/28/2012 5:12 PM	R29445
Acetone	ND	6.30	0.00500		mg/L	1	11/28/2012 5:12 PM	R29445
Benzene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Bromeform	ND	0.00100	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Chloroethane	ND		0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Chloroform	ND	0.000200	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Chloromethane	ND		0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
cls-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
m,p-Xylene	ND		0.00200		mg/L	, i	11/28/2012 5:12 PM	R29445
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/28/2012 5:12 PM	R29445
·o-Xylene	ND		0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/28/2012 5:12 PM	R29445
Styrene	ND	0.100	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Toluene	ND	1.00	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/28/2012 5:12 PM	R29445
Internal Quality Control Compounds						•	1 11 E O Z O 1 Z O 1 Z F W	1129443
SS: 4-Bromofluorobenzene	102		67.9-119		%REC	1	11/28/2012 5:12 PM	R29445
SS: Dibromofluoromethane	123		62,3-122	s	%REC	· i	11/28/2012 5:12 PM	R29445
SS: Toluene-d8	98.9		68.2-119	•	%REC	i	11/28/2012 5:12 PM	R29445 R29445
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: le	
1.2.4-Trichlorohonzene	NO	0.070	0.042					
1,2,4-Trichlorobenzene	ND	0.070	0.012		mg/L	1	11/19/2012 4:32 PM	12524
1,2-Dichlorobenzene	ND	0.600	0.012		mg/L	1	11/19/2012 4:32 PM	12524
1,3-Dichlorobenzene	ND		0.012		mg/L	1	11/19/2012 4:32 PM	12524
1,4-Dichlorobenzene	ND	0.075	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2,4,5-Trichlorophenol	ND	0.700	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2,4,6-Trichlorophenot	ИD	0.010	0.012		mg/L	1	11/19/2012 4:32 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-3

Lab ID: 1211870-003

Date Received: 11/16/2012 2:35 PM

		Report				Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Mothadi	EPA-8270C-Rev	2 0 00			
2,4-Dichlorophenol	ND	0.021	0.012	EFA-62/0C-REV		_	Analyst: Is	
2,4-Dimethylphenol	ND	0.021	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2,4-Dinitrophenol	ND	14.0	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2,4-Dinitrotoluene	ND	14.0	0.012		mg/L mg/L	1 1	11/19/2012 4:32 PM	12524 12524
2-Chloronaphthalene	ND	0.560	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2-Chlorophenoi	ND	0.035	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2-Methylnaphthalene	ND	0.028	0.012		mg/L	1	11/19/2012 4:32 PM 11/19/2012 4:32 PM	12524
2-Nitroaniline	ND	0.021	0.012		mg/L	1	11/19/2012 4:32 PM	12524
2-Nitrophenol	ND	0.021	0.012		mg/L	1	11/19/2012 4:32 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.012		mg/L	1	11/19/2012 4:32 PM	12524
3-Nitroaniline	ND	0.002	0.012		mg/L	1	11/19/2012 4:32 PM	12524
4,6-Dinitro-2-methylphenol	ND	0.002	0.012		mg/L	1		12524
4-Bromophenyl phenyl ether	ND		0.012		mg/L	1	11/19/2012 4:32 PM 11/19/2012 4:32 PM	12524
4-Chloro-3-methylphenol	ND		0.012		mg/L	1	11/19/2012 4:32 PM	12524
4-Chloroaniline	ND	0.028	0.012		mg/L	1	11/19/2012 4:32 PM	12524
4-Chlorophenyl phenyl ether	ND	0,020	0.012		mg/L	1	11/19/2012 4:32 PM	12524
4-Nitroaniline	ND	0.021	0.012		mg/L	1	11/19/2012 4:32 PM	12524
4-Nitrophenol	ND	5.02 (0.012		mg/L	1	11/19/2012 4:32 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.012		mg/L	· i	11/19/2012 4:32 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Bulyl benzyl phthalate	ND	1.40	0.012		mg/L	i	11/19/2012 4:32 PM	12524
Carbazole	ND		0.012		mg/L	1	11/19/2012 4:32 PM	12524
Dibenzofuran	ND		0.012		mg/L	1	11/19/2012 4:32 PM	12524
Diethyl phthalate	ND	5.60	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Dimethyl phthalate	ND	0.00	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Di-n-butyl phthalate	ND	0.700	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Di-n-octyl phthalate	ND	0.140	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Hexachlorobenzene	ND	0.140	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Hexachlorobutadiene	ND	0.007	0.012		mg/L	1		12524
Hexachlorocyclopentadiene	ND	0.050	0.012		_	1	11/19/2012 4:32 PM	12524
Hexachloroethane	ND	0.007	0.012		mg/L	1	11/19/2012 4:32 PM	
Isophorone	ND	1.40	0.012		mg/L	1	11/19/2012 4:32 PM	12524
m,p-Cresol	ND	1.40	0.012		mg/L		11/19/2012 4:32 PM	12524
Nitrobenzene	ND	0.004	0.012		mg/L	1	11/19/2012 4:32 PM	12524
					mg/L	1	11/19/2012 4:32 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.012		mg/L	1	11/19/2012 4:32 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.012		mg/L	1	11/19/2012 4:32 PM	12524
o-Cresol	ND	0.350	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Pentachlorophenol	ND	0.010	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Phenol	ND	0.100	0.012		mg/L	1	11/19/2012 4:32 PM	12524
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenol	78.3		36.6-133		%REC	1	11/19/2012 4:32 PM	12524
SS: 2-Fluorobiphenyl	48.6		26.8-113		%REC	1	11/19/2012 4:32 PM	12524

Suburban Laboratories, Inc. 4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-3

Lab ID: 1211870-003

Date Received: 11/16/2012 2:35 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method: El	PA-8270C-Rev	3, Dec-96		Analyst: Is	
SS: 2-Fluorophenol	51.0		0.1-110		%REC	1	11/19/2012 4:32 PM	12524
SS: 4-Terphenyl-d14	34.9		31,3-152		%REC	1	11/19/2012 4:32 PM	12524
SS: Nitrobenzene-d5	49.1		13.8-115		%REC	1	11/19/2012 4:32 PM	12524
SS: Phenoi-d6	43.2		1.14-110		%REC	1	11/19/2012 4:32 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method: El	PA-8270C-Rev	3, Dec-96		Analyst: Is	
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Benzo(a)anthracene	ND 0	.000130	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Benzo(a)pyrene	ND 0	.000200	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Benzo(b)fluoranthene	ND 0	.000180	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Benzo(g,h,i)perylane	ND	0.210	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Benzo(k)fluoranthene	ND 0	.000170	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Dibenzo(a,h)anthracene	ND 0	.000300	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Fluoranthene	ND	0.280	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Indeno(1,2,3-cd)pyrene	ND 0	.000430	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Naphthalene	ND	0.140	0.000100 `		mg/L	1	11/21/2012 9:36 AM	12527
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 9:36 AM	12527
Internal Quality Control Compounds								
SS: 2-Fluorobiphenyl .	86.0		26.8-113		%REC	1	11/21/2012 9:36 AM	12527
SS: 4-Terphenyl-d14	85.6		31.3-152		%REC	1	11/21/2012 9:36 AM	12527
SS: Nitrobenzene-d5	88.2		13.8-115		%REC	1	11/21/2012 9:36 AM	12527
CYANIDE, TOTAL			Method: E	PA-SW9010B/	9014-Rev 0, I	Dec-96	Analyst: LAP	
Cyanide	0.026	0.20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321
MERCURY BY CVAA			Method: E	PA-SW7470A-	Rev 1, Sep-9	4	Analyst: jmk	
Mercury	ND		0.0002		mg/L	. 1	11/20/2012 2:04 PM	12530



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012 Workorder: 1211870

Project Name: LYN

Client Sample 1D: MW-4

Matrix: GROUNDWATER

Lab ID: 1211870-004	Date Received: 11/16/2012 2:35 PM	Collection Date: 11/14/2012 1:58 PM
	Report	Dilution

		Report				Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
CHLORINATED PESTICIDES			Method: E	PA-508-Rev 3.	1, 1995		Analyst: mn	
Hexachlorobenzene Internal Quality Control Compounds	ND		0		mg/L	1	11/28/2012 2:03 PM	12574
SS: 4,4'-Dichlorobiphenyl	63.7		56.8-111		%REC	1	11/28/2012 2:03 PM	12574
CHLORINATED ACID HERBICIDES			Method: E	PA-\$15.1-Rev	4.1, 1995		Analyst: mn	
Pentachlorophenol Internal Quality Control Compounds	ND		0		mg/L	1	11/29/2012 9:08 AM	12528
SS: DCAA	88.7		70-130		%REC	1	11/29/2012 9:08 AM	12528
METALS BY ICP			Method: E	PA-SW6010B-	Rev 2, Dec-96		Analyst: jmk	
Aluminum	1.60	3.50	0.0174		mg/L	1	11/20/2012 7:21 PM	12541
Arsenic	0.0222	0.0500	0.0200	J	mg/L	1	11/20/2012 7:21 PM	12541
Barium	0.0530	2.00	0.00500		mg/L	1	11/20/2012 7:21 PM	12541
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 7:21 PM	12541
Çadmium	ND	0.00500	0.00100		mg/L	1	11/21/2012 10:46 AM	12541
Calcium	412		0.0151		mg/L	1	11/20/2012 7:21 PM	12541
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 7:21 PM	12541
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 7:21 PM	12541
Copper	0.0217	0.650	0.00299		mg/L	1	11/20/2012 7:21 PM	12541 12541
Iron	29.3	5.00	0.0117	·	mg/L	1 1	11/20/2012 7:21 PM 11/20/2012 7:21 PM	12541
Magnesium	140		0.0109		mg/L	1	11/20/2012 7:21 PM	12541
Manganese	1.27	0.150	0.00882	•	mg/L	1	11/20/2012 7:21 PM	12541
Nickel	0.0143	0.100	0.00400		mg/L	1	11/20/2012 7:21 PM	12541
Potassium	4.73	0.0500	0.0400		mg/L	1	11/20/2012 7:21 PM	12541
Selenium	ND	0.0500	0.0250		mg/L mg/L	1	11/20/2012 7:21 PM	12541
Silver	ND 20.0	0.0500	0.00200 1.00		mg/L	10	11/21/2012 2:17 PM	12541
Sodium	29.9 0.00798	0.0490	0.00259	J	mg/L	1	11/20/2012 7:21 PM	12541
Vanadium Zinc	0.00798	5.00	0.00259	J	mg/L	1	11/20/2012 7:21 PM	12541
Zinc	0.0508	5.00			•	-		120-1
METALS BY ICPMS			Method:	SWB46-SW602	20-Rev 0, Sep-9)4	Analyst: dc	
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 2:20 PM	12542
Lead	0.0322	0.00750	0.00010	•	mg/L	1	11/21/2012 2:20 PM	12542
Thalilum	ND	0.00200	0.00010		mg/L	1	11/21/2012 7:01 PM	12542
ORGANOCHLORINE PESTICIDES			Method:	EPA-SW8081/	N-Rev 1, Dec-90	5	Analyst: mn	•
4,4*-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 8:07 PM	12554
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 8:07 PM	12554
4,4'-DDT	· NO	0.00600	0.000050		mg/L	1	11/26/2012 8:07 PM	12554

Suburban Laboratories, Inc. 4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client 1D: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample 1D: MW-4

Lab ID: 1211870-004

Date Received: 11/16/2012 2:35 PM

Lab ID: 1211870-004	Date		11/10/2012 2.3		Conection	Date: 11	/14/2012 1:58 PM		
			Report						
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID	
ORGANOCHLORINE PESTICIDES			Method: E	PA-SW8081A-	Rev 1, Dec-96		Analyst: mn		
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
alpha-BHC	ND (0.000110	0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
bela-BHC	ND		0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
Chlordane	NĎ	0.00200	0.000100		mg/L	1	11/26/2012 8:07 PM	12554	
delta-BHC	ND		0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
Dieldrin	ЙĎ	0.00900	0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
Endosulfan I	ND		0.000025		mg/L	1	. 11/26/2012 8:07 PM	12554	
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
Endosulfan suifate	ND		0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 8:07 PM	12554	
gamma-BHC	ND (0.000200	0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
Heptachlor	ND (0.000400	0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
Heptachlor epoxide	ND (0.000200	0.000025		mg/L	1	11/26/2012 8:07 PM	12554	
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 8:07 PM	12554	
Internal Quality Control Compounds			21.4.0		W 550		44/00/0040 0 00 00		
SS: Tetrachloro-m-xylene	66.7		31-143		%REC	1	11/26/2012 8:07 PM	12554	
PCBS			Method: 1	PA-SW8082-R	ev 0, Dec-95		Analyst: dp		
Aroctor 1016		0.000500	0.000100		mg/L	· 1	11/20/2012 3:05 PM	12555	
Aroclor 1221		0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Aroclor 1232		0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Aroclar 1242		0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Aroclor 1248	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Arodor 1254		0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Aroclor 1260	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:05 PM	12555	
Internal Quality Control Compounds									
SS: Tetrachloro-m-xylene	83.8		40.4-143		%REC	1	11/20/2012 3:05 PM	12555	
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW8260B	-Rev 2, Dec-96		Analyst; is		
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400	
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400	
1,1,2-Trichioroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400	
1,1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400	
1,1-Dichloroethene	МD	0.00700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400	
1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM		
1,2-Dichloropropane	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM		



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-4

Lab ID: 1211870-004

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 1:58 PM

			Report					
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch 1D
VOLATILE ORGANIC COMPOUNDS			Manhad	5D4 014/2000 1			_	
2-Hexanone	110			EPA-SW8260B-1			Analyst: Is	
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/27/2012 7:49 PM	R29400
Acelone	ND		0.00500	•	mg/L	1	11/27/2012 7:49 PM	R29400
Benzene	ND		0.00500		mg/L	1	11/27/2012 7:49 PM	R29400
Bromodichloromethane	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Bromoform		0.000200	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Bromomethane	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Carbon disulfide	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
	ND	0.700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Carbon tetrachloride	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/27/2012 7;49 PM	R29400
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Chloroform		0.000200	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Chloromethane	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/ <u>L</u>	1	11/27/2012 7:49 PM	R29400
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
m,p-Xylene	ND		0.00200		mg/L	1	11/27/2012 7:49 PM	R29400
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 7:49 PM	R29400
o-Xylene	ND		0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 7:49 PM	R29400
Styrene	ND	0.100	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Toluene	ND	1.00	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 7:49 PM	R29400
Internal Quality Control Compounds					J			7120100
SS: 4-Bromofluorobenzene	96.0		67.9-119		%REC	1	11/27/2012 7:49 PM	R29400
SS: Dibromofluoromethane	100		62.3-122		%REC	1	11/27/2012 7:49 PM	R29400
SS: Toluene-d8	97.6		68.2-119		%REC	1	11/27/2012 7:49 PM	R29400
SEMIVOLAȚILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.011		me/l		11/10/2010 5:00 7:1	4000
1,2-Dichlorobenzene	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
1.3-Dichlorobenzene					mg/L	1	11/19/2012 5:08 PM	12524
	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
1,4-Dichlorobenzene	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
2,4,5-Trichlorophenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
2,4,6-Trichlorophenol	ND	0.010	0.011		mg/L	1	11/19/2012 5:08 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-4

Lab ID: 1211870-004

Date Received: 11/16/2012 2:35 PM

					Conection	n Date: 11	/14/2012 1:58 PM	
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3 Dec.06		A medicals de	
2,4-Dichlorophenal	ND	0.021	0.011	C: 1-02/00-104	•		Analyst: Is	
2,4-Dimethylphenol	ND ND	0.021	0.011		mg/L	1	11/19/2012 5:08 PM	12524
2,4-Dinitrophenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
2,4-Dinitrotoluene	ND	14.0			mg/L	1	11/19/2012 5:08 PM	12524
2-Chloronaphthalene	ND	0.560	0.011 .		mg/L	1	- 11/19/2012 5:08 PM	12524
			0.011		mg/L	1	11/19/2012 5:08 PM	12524
2-Chlorophenol	ND	0.035	0.011		mg/L	1	11/19/2012 5:08 PM	12524
2-Methylnaphthalene	ND	0.028	0.011		mg/L	1	11/19/2012 5:08 PM	12524
2-Nitroaniline	ND	0.021	0.011		mg/L	1	11/19/2012 5:08 PM	12524
2-Nitrophenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.011		mg/L	1	11/19/2012 5:08 PM	12524
3-Nitroaniline	ND	0.002	0.011		mg/L	1	11/19/2012 5:08 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Bromophenyl phenyl ether	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Chloro-3-methylphenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Chloroaniline	ND	0.028	0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Chlorophenyl phenyl ether	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Nitroaniline	МĐ	0.021	0.011		mg/L	1	11/19/2012 5:08 PM	12524
4-Nitrophenol	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Butyl benzyl phthalate	ND	1.40	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Carbazole	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
Dibenzofuran	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
Diethyl phthalate	ND	5.60	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Dimethyl phthalate	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
Di-n-butyl phthalate .	ND	0.700	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Di-n-octyl phthalate	ND	0.140	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Hexachlorobenzene	ND		0.011		mg/L	1	11/19/2012 5:08 PM	12524
Hexachlorobutadiene	ND	0.007	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.011		mg/L	1	11/19/2012 5:08 PM	12524
Hexachloroethane	ND	0.007	0,011		mg/L	1		
Isophorone	ND	1,40	0.011		mg/L	1	11/19/2012 5:08 PM	12524
m,p-Cresol	ND		0.011		-	1	11/19/2012 5:08 PM	12524
Nitrobenzene	ND	0.004	0.011		mg/L		11/19/2012 5:08 PM	12524
N-Nitroso-di-n-propytamine	ND	0.002			mg/L	1	11/19/2012 5:08 PM	12524
* **			0.011		mg/L	1	11/19/2012 5:08 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.011		mg/L	, 1	11/19/2012 5:08 PM	12524
o-Cresal	ND	0.350	0.011		mg/L	1	11/19/2012 5:08 PM	1252
Pentachlorophenol	ND	0.010	0.011		mg/L	1	11/19/2012 5:08 PM	1252
Phenol	ND	0.100	0.011		mg/L	1	11/19/2012 5:08 PM	1252
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenot	72.5		36.6-133		%REC	1	11/19/2012 5:08 PM	1252
SS: 2-Fluorobiphenyl	36.0		26.8-113		%REC	1	11/19/2012 5:08 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-4

Lab ID: 1211870-004

Date Received: [1/16/2012 2:35 PM

Lab 1D. 1211670-004	Date N	eresteu.	11/10/2012 2.	.55 1 141	Collection	Date: 11	14/2012 1:38 PM	
			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Re	v 3, Dec-96		Analyst: Is	
SS: 2-Fluorophenol	53.1		0.1-110		%REC	1	11/19/2012 5:08 PM	12524
SS: 4-Terphenyl-d14	0		31.3-152	S	%REC	1	11/19/2012 5:08 PM	12524
SS: Nitrobenzene-d5	34.3		13.8-115		%REC	1	11/19/2012 5:08 PM	12524
SS: Phenol-d6	34.9		1.14-110		%REC	1	11/19/2012 5:08 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method:	EPA-8270C-Re	v 3, Dec-96		Analyst: Is	
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:12 ÂM	12527
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Benzo(a)anthracene	ND 0	.000130	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Benzo(a)pyrene	ND 0	.000200	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Benzo(b)fluoranthene	ND 0	0.000180	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Benzo(k)fluoranthene	ND (0.000170	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Dibenzo(a,h)anthracene	ND 0	0.000300	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Fluoranthene	ND	0.280	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Indeno(1,2,3-cd)pyrene	ND (0.000430	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Naphthalene	ND	0.140	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:12 AM	12527
Internal Quality Control Compounds								
SS: 2-Fluorobiphenyl	75.3		26.8-113		%REC	1	11/21/2012 10:12 AM	12527
SS: 4-Terphenyl-d14	80.3		31.3-152		%REC	1	11/21/2012 10:12 AM	12527
SS: Nitrobenzene-d5	73.9		13.8-115 ·		%REC	1	11/21/2012 10:12 AM	1252
CYANIDE, TOTAL			Method	: EPA-SW90108	3/9014-Rev 0,	Dec-96	Analyst: LAP	
Cyanide	ND	0.20	0.010		mg/L	1	11/26/2012 10:37 AN	1 R2932
MERCURY BY CVAA			Method	: EPA-SW7470	A-Rev 1, Sep-9	14	Analyst; jmk	
Mercury	ND		0.0002		ma/L	1	11/20/2012 2:07 PM	1253



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-5

Lab ID: 1211870-005

Date Received: 11/16/2012 2:35 PM

			_					
.			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
CHLORINATED PESTICIDES			Method: 8	EPA-508-Rev 3.	1, 1995		Analyst; mn	
Hexachlorobenzene	ND		0	·	mg/L	1	11/28/2012 2:22 PM	12574
Internal Quality Control Compounds								
SS: 4,4'-Dichlorobiphenyl	71.0		56.8-111		%REC	1	11/28/2012 2:22 PM	12574
CHLORINATED ACID HERBICIDES			Method: I	EPA-515,1-Rev	4.1, 1995		Analyst: mn	
Pentachlorophenol	ND		0		mg/L	1	11/29/2012 9:50 AM	12528
Internal Quality Control Compounds								
SS: DCAA	98.9		70-130		%REC	1	11/29/2012 9:50 AM	12528
METALS BY ICP			Method: I	PA-SW6010B-	Rev 2, Dec-96		Analyst: Jmk	
Aluminum	0.101	3.50	0.0174		mg/L	1	1 <u>1</u> /20/2012 8:05 PM	12541
Arsenic .	0.0672	0.0500	0.0200	•	mg/L	1	11/20/2012 8:05 PM	12541
Barium	0.0331	2,00	0.00500		mg/L	1	11/20/2012 8:05 PM	12541
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 8:05 PM	12541
Cadmium	0.00129	0.00500	0.00100	J	mg/L	1	11/21/2012 10:57 AM	12541
Calcium	368		0.0151		mg/L	1	11/20/2012 8:05 PM	12541
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 8:05 PM	12541
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 8:05 PM	12541
Copper	ND	0.650	0.00299		mg/L	1	11/20/2012 8:05 PM	12541
Iron	9.44	5.00	0.0117	•	mg/L	1	11/20/2012 8:05 PM	12541
Magnesium	108		0.0109		mg/L	1	11/20/2012 8:05 PM	12541
Manganese	0.824	0.150	0.00882	-	mg/L	1	11/20/2012 8:05 PM	12541
Nickel	0.00663	0.100	0.00400	J	mg/L	1	11/20/2012 8:05 PM	12541
Potassium	5.89		0.0400		mg/L	1.	11/20/2012 8:05 PM	12541
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 8:05 PM	12541
Silver	ND	0.0500	0.00200		mg/L	1		
Sodium	76.0	0.0000	1.00		mg/L	10	11/20/2012 8:05 PM 11/21/2012 2:20 PM	12541
Vanadium	ND	0.0490	0.00259		mg/L	10		12541
Zinc	ND	5.00	0.0150		mg/L	1	11/20/2012 8:05 PM 11/20/2012 8:05 PM	12541 12541
METALS BY ICPMS			• • • • • • • • • • • • • • • • • • • •	SW846-SW6028	٠,		Analyst: dc	12541
					,		•	
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 2:25 PM	12542
Lead	0.00154	0.00750	0.00D10		mg/L	1	11/21/2012 2:25 PM	12542
Thallium	ND	0.00200	0.00010		mg/L	1	11/21/2012 2:25 PM	12542
ORGANOCHLORINE PESTICIDES			Method:	EPA-SW8081A-	Rev 1, Dec-96		Analyst: mn	
4,4'-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 B:26 PM	12554
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 8:26 PM	12554
4,4'-DDT .	ND	0.00600	0.000050		mg/L	1	11/26/2012 8:26 PM	12554



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-5

Date Received: 11/16/2012 2:35 PM

	Date K	eceivea:	11/16/2012 2:35	PM	Collection	Date: 11	/14/2012 2:45 PM		
			Report		Dilution				
Parameter	Result	MCL	<u>Limit</u>	Qual.	Units	Factor	Date Analyzed	Batch ID	
ORGANOCHLORINE PESTICIDES			Method; EF	A-SW8081A	-Rev 1, Dec-95		Analyst: mn		
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
alpha-BHC	ND 0	.000110	0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
alpha-Chiordane	ND		0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 8:26 PM	12554	
delta-BHC	ND		0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 8:26 PM	12554	
Endosulfan I	ND		0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Endosulfan II	ND		0.000050		mġ/L	1	11/26/2012 8:26 PM	12554	
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 8:26 PM	12554	
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 8:26 PM	12554	
Endrin aldehyde	ND.		0.000050		mg/L	1	11/26/2012 8:26 PM	12554	
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 8:26 PM	12554	
gamma-BHC		.000200	0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Heptachlor	ND 0	.000400	0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Heptachlor epoxide	ND 0	.000200	0.000025		mg/L	1	11/26/2012 8:26 PM	12554	
Methoxychior	ND	0,0400	0.000250		mg/L	1	11/26/2012 8:26 PM	12554	
Internal Quality Control Compounds									
SS: Tetrachloro-m-xylene	74.6		31-143		%REC	1	11/26/2012 8:26 PM	12554	
PCBS			Method; El	PA-SW8082-I	Rev 0, Dec-96		Analyst: dp		
Aroclor 1016	ND 0	.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Aroclor 1221	ND 0	.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Aroclor 1232	ND 0	.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Aroclor 1242	ND 0	0.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Aroclor 1248	ND (0.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Aroclor 1254	ND (0.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Arocior 1260	ND (0.000500	0.000100		mg/L	1	11/20/2012 3:23 PM	12555	
Internal Quality Control Compounds					·				
SS: Tetrachloro-m-xylene	86.2		40.4-143		%REC	1	11/20/2012 3:23 PM	12555	
VOLATILE ORGANIC COMPOUNDS			Method: E	PA-SW82601	3-Rev 2, Dec-96		Analyst: Is		
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400	
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400	
1,1,2-Trichlorgethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400	
1,1-Dichloroethane	ND	0.700	0.000200		mġ/L	1	11/27/2012 8:29 PM	R29400	
1,1-Dichlorgethene	ND	0.00700	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400	
1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400	
1,2-Dichloropropane	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM		
2-Butanone	ND	0.420	0.00200		mg/L	1	11/27/2012 8:29 PM		



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-5

Lab ID: 1211870-005

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER
Collection Date: 11/14/2012 2:45 PM

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Danamatan	Daniela	MCI	Report		•••	Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method: 1	EPA-SW8260B-I	Rev 2, Dec-96		Analyst: Is	
2-Hexanone	ND		0.00500		mg/L	1	11/27/2012 8:29 PM	R29400
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/27/2012 8:29 PM	R29400
Acelone	ND	6.30	0.00500		mg/L	1	11/27/2012 8:29 PM	R29400
Benzene	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Bromoform	ND	0.00100	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Bromomelhane	ND	0.00980	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/27/2012 B:29 PM	R29400
Carbon letrachloride	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Chloroform	ND	0.000200	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Chloromethane	ND		0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
m,p-Xylene	ND		0.00200		mg/L	1	11/27/2012 8:29 PM	R29400
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 8:29 PM	R29400
o-Xylene	ND		0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 8:29 PM	R29400
Styrene ·	ND	0.100	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Toluene	ND	1.00	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 8:29 PM	R29400
Internal Quality Control Compounds						,	1 1121720 12 0.23 F NI	1125400
SS: 4-Bromofluorobenzene	98.2		67.9-119		%REC	1	11/27/2012 8:29 PM	R29400
SS: Dibromofluoromethane	101		62.3-122		%REC	1	11/27/2012 8:29 PM	R29400
SS: Toluene-d8	95.6		68.2-119		%REC	i	11/27/2012 8:29 PM	R29400
SEMIVOLATILE ORGANICS (BNAS)			Method: i	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		man.		Addanasa	
1.2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 5:44 PM	12524
1,3-Dichlorobenzene	ND	0.000	0.010		mg/L	1	11/19/2012 5:44 PM	12524
1.4-Dichlorobenzene	ND	0.075			mg/L	1	11/19/2012 5:44 PM	12524
2,4,5-Trichlorophenol		0.075	0.010		mg/L	1	11/19/2012 5:44 PM	12524
•	ND	0.700	0.010		mg/L	1	11/19/2012 5:44 PM	12524
2,4,6-Trichlorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 5:44 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-5

Lab ID: 1211870-005

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 2:45 PM

		Report			Dilution			
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Mathad	EPA-8270C-Rev	2 Dec 06	_	A4	
2,4-Dichlorophenol	ND	0.021	0.010	EFA-02/UC-REV	•		Analyst: Is	
2,4-Dimethylphenol	ND	0.140	0.010		mg/L	1 1	11/19/2012 5:44 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L mg/L	1	11/19/2012 5:44 PM	12524
2,4-Dinitrotoluene	ND	14.0	0.010		•	1	11/19/2012 5:44 PM	12524
2-Chloronaphthalene	ND	0.560	0.010		mg/L		11/19/2012 5:44 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 5:44 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 5:44 PM	12524
2-Nitroaniline	ND	0.023	0.010		mg/L	1	11/19/2012 5:44 PM	12524
2-Nitrophenol	ND	0.021	0.010		mg/L	1	11/19/2012 5:44 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 5:44 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 5:44 PM	12524
4,6-Dinitro-2-methylphenol	ND	0.002	0.010		mg/L		11/19/2012 5:44 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1 1	11/19/2012 5:44 PM	12524
4-Chioro-3-methylphenol	ND		0.010		mg/L	1	11/19/2012 5:44 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 5:44 PM	12524
4-Chlorophenyl phenyl ether	ND	0.020	0.010		mg/L mg/L	1	11/19/2012 5:44 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 5:44 PM	12524
4-Nitrophenol	ND	0.021	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		•	1	11/19/2012 5:44 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Carbazole	ND	1.40	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Dibenzofuran	ND		0.010		mg/L mg/L	1	11/19/2012 5:44 PM 11/19/2012 5:44 PM	12524
Diethyl phthalate	ND	5.60	0.010		mg/L			12524
Dimethyl phthatale	ND	3.00	0.010		mg/L		11/19/2012 5:44 PM	12524
Di-n-bulyl phthalate	ND	0.700	0.010	•	•	1	11/19/2012 5:44 PM	12524
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Hexachlorobenzene	ND	0.140	0.010		mg/L		11/19/2012 5:44 PM	12524
Hexachlorobutadiene	ND	0.007	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L		11/19/2012 5:44 PM	12524
Hexachloroethane	ND	0.007			mg/L	1	11/19/2012 5:44 PM	12524
Isophorone	ND ND		0.010		mg/L	1	11/19/2012 5:44 PM	12524
m,p-Cresol		1.40	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Nitrobenzene	ND		0.010		mg/L	1	11/19/2012 5:44 PM	12524
	ND	0.004	0.010		mg/L	1	11/19/2012 5:44 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 5:44 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.010		mg/L	1	11/19/2012 5:44 PM	12524
o-Cresol	ND	0.350	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Pentachlorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Phenol	ND	0.100	0.010		mg/L	1	11/19/2012 5:44 PM	12524
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenol	62.0		36.6-133		%REC	1	11/19/2012 5:44 PM	12524
SS: 2-Fluorobiphenyl	60.0		26.8-113		%REC	1	11/19/2012 5:44 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012 Workorder: 1211870

Project Name: LYN

Matrix: GROUNDWATER

Client Sample ID: MW-5

Lab ID: 1211870-005

Date Received: 11/16/2012 2:35 PM

Collection Date: 11/14/2012 2:45 PM

Parameter	Result		Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID					
SEMIVOLATILE ORGANICS (BNAS)			Method; (EPA-8270C-Rev	3, Dec-96		Analyst: Is						
SS: 2-Fluorophenol	52.8		0.1-110		%REC	1	11/19/2012 5:44 PM	12524					
SS: 4-Terphenyi-d14	40.5		31.3-152		%REC	1	11/19/2012 5:44 PM	12524					
SS: Nitrobenzene-d5	55.6		13.8-115		%REC	1	11/19/2012 5:44 PM	12524					
SS: Phenol-d6	33.0		1.14-110		%REC	1	11/19/2012 5:44 PM	12524					
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method; (EPA-8270C-Rev	3, Dec-98		Aлalyst; Is						
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Benzo(a)anthracene	ND 0	0.000130	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Benzo(a)pyrene	ND 0	0.000200	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Benzo(b)fluoranthene	ND 0	0.000180	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Benzo(k)fluoranthene	ND (0.000170	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Dibenzo(a,h)anthracene	ND 0	0.000300	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Fluoranthene	ND	0.280	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Indeno(1,2,3-cd)pyrene	ND (0.000430	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Naphthalene	ND	0.140	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 10:49 AM	12527					
Internal Quality Control Compounds													
SS: 2-Fluorobiphenyl	71.9		26.8-113		%REC	1	11/21/2012 10:49 AM	12527					
SS: 4-Terphenyl-d14	71.6		31.3-152		%REC	1	11/21/2012 10:49 AM	12527					
SS: Nitrobenzene-d5	72.0		13.8-115		%REC	1	11/21/2012 10:49 AM	12527					
CYANIDE, TOTAL			Method:	EPA-\$W9010B/	9014-Rev 0, (Dec-96	Analyst: LAP						
Cyanide	ND	0,20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321					
MERCURY BY CVAA			Method;	EPA-SW7470A-	Rev 1, Sep-9	4 .	Analyst; jmk						
Mercury	ND		0.0002		mg/L	1	11/20/2012 2:08 PM	12530					

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Suburban Laboratories, Inc. 4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN Workorder: 1211870

Client Sample ID: MW-6

Lab ID: 1211870-006 Date Received: 11/16/2012 2:35 PM

		Conection Date: 11/14/2012 1:00 FIVE								
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID		
CHLORINATED PESTICIDES			Method: E	PA-508-Rev 3.	1, 1995		Analyst: mn			
Hexachlorobenzene	ND		0		mg/L	1	11/28/2012 2:40 PM	12574		
Internal Quality Control Compounds					•					
SS: 4,4'-Dichlorobiphenyl	67.9		56.8-111		%REC	1	11/28/2012 2:40 PM	12574		
CHLORINATED ACID HERBICIDES			Method: E	PA-515.1-Rev	4.1, 1995		Analyst: mn			
Pentachlorophenol	ND		0		mg/L	1	11/29/2012 10:31 AM	12528		
Internal Quality Control Compounds										
SS: DCAA	96.7		70-130		%REC	1	11/29/2012 10:31 AM	12528		
METALS BY ICP			Method: E	PA-SW6010B-	Rev 2, Dec-98		Analyst: jmk			
· Aluminum	1.05	3.50	0.0174		mg/L	1	11/20/2012 8:15 PM	12541		
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 8:15 PM	12541		
Barium	0.0341	2.00	0.00500		mg/L	1	11/20/2012 8:15 PM	12541		
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 8:15 PM	12541		
Cadmium	ND	0.00500	0'.00100		mg/L	1	11/21/2012 11:01 AM	12541		
Calcium	370		0.0151		mg/L	1	11/20/2012 8:15 PM	12541		
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 B:15 PM	12541		
Cobalt	0.0191	1.00	0.00909	J	mg/L	1	11/20/2012 8:15 PM	12541		
Copper	0.0116	0.650	0.00299	·	mg/L	1	11/20/2012 8:15 PM	12541		
Iron	8.65	5.00	0.0117	•	mg/L	1	11/20/2012 8:15 PM	12541		
Magnesium	128	3.00	0.0109		mg/L	1	11/20/2012 8:15 PM	12541		
Manganese	2.09	0.150	0.00882	•	•	1	11/20/2012 8:15 PM	12541		
Nickel	0.0204	0.100	0.00400		mg/L	1		12541		
Potassium		0.100			mg/L		11/20/2012 8:15 PM			
	9.00		0.0400		mg/L	1	11/20/2012 8:15 PM	12541		
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 8:15 PM	12541		
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 8:15 PM	12541		
Sodium	163		1.00		mg/L	10	11/21/2012 2:24 PM	12541		
Vanadium	ND	0.0490	0.00259		mg/L	1	11/20/2012 8:15 PM	12541		
Zinc	0.0248	5.00	0.0150	J	mg/L	1	11/20/2012 8:15 PM	12541		
METALS BY ICPMS			Method: \$	SW846-SW602	0-Rev 0, Sep-94	,	Analyst: dc			
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 2:30 PM	12542		
Lead	0.0192	0.00750	0.00010	•	mg/L	1	11/21/2012 2:30 PM	12542		
Thallium	0.00078	0.00200	0.00010		mg/L	1	11/21/2012 2:30 PM	12542		
ORGANOCHLORINE PESTICIDES			Method: (EPA-SW8081A	-Rev 1, Dec-96		Analyst: mn			
4,4'-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 8:44 PM	12554		
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 8:44 PM	12554		
4,4'-DDT	ND		0.000050		mg/L	1	11/26/2012 8:44 PM	12554		
	. 10	,								

Suburban Laboratories, Inc. 4140 Lint Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

ID. Andrews Continues and Consulting In-

Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-6

Lab ID: 1211870-006

Date Received: 11/16/2012 2:35 PM

			_	•				
	_		Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
ORGANOCHLORINE PESTICIDES				EPA-SW8081A-R	Rev 1, Dec-96		Analyst: mn	
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 8:44 PM	12554
alpha-BHC	_	0.000110	0.000025		mg/L	1	11/26/2012 8:44 PM	12554
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 8:44 PM	12554
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 8:44 PM	12554
delta-BHC	ND		0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 8:44 PM	12554
Endosulfan I	. ND		0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 8:44 PM	12554
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 8:44 PM	12554
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 8:44 PM	12554
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 8:44 PM	12554
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 8:44 PM	12554
gemma-BHC	ND	0.000200	0.000025		mg/L	1	11/26/2012 8:44 PM	12554
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Heptachlor	ND	0.000400	0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Heptachlor epoxide	ND	0.000200	0.000025		mg/L	1	11/26/2012 8:44 PM	12554
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 8:44 PM	12554
Internal Quality Control Compounds								
SS: Tetrachloro-m-xylene	67.4		31-143		%REC	1	11/26/2012 8:44 PM	12554
PCBS			Method:	EPA-SW8082-Re	v 0, Dec-96		Analyst: dp	
Aroclor 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:42 PM	12555
Aroclor 1221	ND	0.000500	0,000100		mg/L	1	11/20/2012 3:42 PM	12555
Araclar 1232	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:42 PM	12555
Aroclor 1242	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:42 PM	12555
Aroclor 1248	ИD	0.000500	0.000100		mg/L	1	11/20/2012 3:42 PM	12555
Aroclor 1254	ND	0.000500	0.000100		mg/L	1	11/20/2012 3:42 PM	12555
Araciar 1260	ND	0.000500	0.000100		mg/L	. 1	11/20/2012 3:42 PM	12555
Internal Quality Control Compounds					•			
SS: Telrachloro-m-xylene	75.0		40.4-143		%REC	1	11/20/2012 3:42 PM	12555
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW82608-F	Rev 2, Dec-96		Analyst: Is	
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 0:00 014	D20400
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 9:08 PM 11/27/2012 9:08 PM	R29400
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1		R29400
1.1-Dichioroethane	ND	0.700	0.000200		· ·	-	11/27/2012 9:08 PM	R29400
1.1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
1,2-Dichloroethane	ND	0.00700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
•					mg/L	1 .	11/27/2012 9:08 PM	R29400
1,2-Dichloropropane 2-Butanone	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
2-Dutanone	ND	0.420	0.00200		mg/L	1	11/27/2012 9:08 PM	R29400



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-6

Lab ID: 1211870-006

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 1:00 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			34 -444					
2-Hexanone	ND			EPA-SW8260B-I			Analyst: Is	
4-Methyl-2-pentanone			0.00500		mg/L	1	11/27/2012 9:08 PM	R29400
Acetone	ND	0.00	0.00500		mg/L	1	11/27/2012 9:08 PM	R29400
Benzene	ND	6,30	0.00500		mg/L	1	11/27/2012 9:08 PM	R29400
Bromodichloromethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Bromoform		0.000200	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Bromomethane	ND	0.00100	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Carbon disulfide	ND	0.00980	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Carbon tetrachloride	ND	0.700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Chlorobenzene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
	ND	0,100	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Chloroform		0.000200	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Chloromethane	ND		0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
cis-1.2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Dibromochloromethane	ИD	0.140	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
m,p-Xylene	ND		0.00200		mg/L	1	11/27/2012 9:08 PM	R29400
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 9:08 PM	R29400
o-Xylene	ND		0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 9:08 PM	R29400
Styrene	ND	0.100	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Toluene	ND	1.00	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 9:08 PM	R29400
Internal Quality Control Compounds					•			
SS: 4-Bromofluorobenzene	96.7		67.9-119		%REC	1	11/27/2012 9:08 PM	R29400
SS: Dibromofluoromethane	99.7		62.3-122		%REC	1	11/27/2012 9:08 PM	R29400
SS: Toluene-d8	97.7		68.2-119		%REC	1	11/27/2012 9:08 PM	R29400
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/19/2012 6:20 PM	12524
1,2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 6:20 PM	12524
1.3-Dichlorobenzene	ND	0.000	0.010		mg/L	1		
1,4-Dichlorobenzene	. ND	0.075	0.010		•		11/19/2012 6:20 PM	12524
2,4,5-Trichlorophenol	ND	0.075	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2,4,6-Trichlorophenoi	ND ND	0.010	0.010		mg/L mg/L	1	11/19/2012 6:20 PM 11/19/2012 6:20 PM	12524 12524

Suburban Laboratories, Inc. 4140 List Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-6

Lab ID: 1211870-006

Date Received: 11/16/2012 2:35 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
A-1								
SEMIVOLATILE ORGANICS (BNAS)				PA-8270C-Rev	3, Dec-96		Analyst; is	
2,4-Dichlorophenol	ND	0.021	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2,4-Dimethylphenol	ND	0.140	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2,4-Dinitrotoluene	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
2-Chloronaphthalene	ND	0.560	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 6:20 PM	12524
2-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 6:20 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 6:20 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Chloro-3-methylphenol	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Chlorophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 6:20 PM	12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 6:20 PM	
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1		12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 6:20 PM	12524
Diethyl phthalate	ND	5.60	0.010		mg/L	, 1	11/19/2012 6:20 PM	12524
Dimethyl phthalate	ND	0.00	0.010		-	1	11/19/2012 6:20 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		mg/L		11/19/2012 6:20 PM	12524
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Hexachlorobenzene	ND	0.140	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Hexachlorobutadiene	ND	0.007	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Hexachlorocyclopentadiene	_				mg/L	1	11/19/2012 6:20 PM	12524
Hexachioroethane	ND	0.050	0.010		mg/L	1	11/19/2012 6:20 PM	12524
	ND	0.007	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Isophorone	ND	1.40	0.010		mg/L	1	11/19/2012 6:20 PM	12524
m,p-Cresol	ND		0.010	•	mg/L	1	11/19/2012 6:20 PM	12524
Nitrobenzene	ND	0.004	0.010		mg/L	1	11/19/2012 6:20 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 6:20 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.010		mg/L	1	11/19/2012 6:20 PM	12524
o-Cresal	ND	0.350	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Penlachiorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 6:20 PM	12524
Phenol	ND	0.100	0.010		rng/L	1	11/19/2012 6:20 PM	12524
Internal Quality Control Compounds					J -			12024
SS: 2,4,6-Tribromophenol	65.7		36.6-133		%REC	1	11/19/2012 6:20 PM	1050
SS: 2-Fluorobiphenyl	51.6		26.8-113		%REC	1		12524
<u> </u>			_ 5.00		MILLO	'	11/19/2012 6:20 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-6

Lab ID: 1211870-006

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER Collection Date: 11/14/2012 1:00 PM

Dilution Report Parameter Result MCL Limit **Factor** Quai. Units Date Analyzed Batch ID SEMIVOLATILE ORGANICS (BNAS) Method: EPA-8270C-Rev 3, Dec-98 Analyst: Is SS: 2-Fluorophenol 0.1-110 11/19/2012 6:20 PM 48.6 %REC 12524 1 SS: 4-Terphenyl-d14 21 2 31.3-152 %RFC S 11/19/2012 6:20 PM 12524 1 %REC SS: Nitrobenzene-d5 13.8-115 49.9 11/19/2012 6:20 PM 12524 1 SS: Phenol-d6 32.4 1.14-110 %REC 11/19/2012 6:20 PM 12524 SEMIVOLATILE ORGANICS, BY GCMS SIM Method: EPA-8270C-Rev 3, Dec-95 Analyst: Is Acenaphthene ND 0.420 0.000100 mg/L 11/21/2012 11:26 AM 12527 Acenaphthylene ND 0.210 0.000100 mg/L 11/21/2012 11:26 AM 12527 Anthracene ND 2.10 0.000100 mg/L 11/21/2012 11:26 AM 12527 Benzo(a)anthracene ND 0.000130 0.000100 mg/L 11/21/2012 11:26 AM 12527 Benzo(a)pyrene ND 0.000200 0.000100 mg/L 11/21/2012 11:26 AM 12527 Benzo(b)fluoranthene ND 0.000180 0.000100 mg/L 11/21/2012 11:26 AM 12527 Benzo(g.h.i)perylene NΠ 0.210 11/21/2012 11:26 AM 12527 0.000100 mg/L ND 0.000170 Benzo(k)fluoranthene 11/21/2012 11:26 AM 12527 0.000100 mg/L Chrysene ND 0.00150 12527 0.000100 mg/L 11/21/2012 11:26 AM Dibenzo(a,h)anthracene ND 0.000300 0.000100 mg/L 11/21/2012 11:26 AM 12527 Fluoranthene ND 0.280 0.000100 mg/L 11/21/2012 11:26 AM 12527 Fluorene ND 0.280 11/21/2012 11:26 AM 12527 0.000100 mg/L Indeno(1,2,3-cd)pyrene ND 0.000430 12527 0.000100 11/21/2012 11:26 AM mg/L Naphthalene 12527 ND 0.140 11/21/2012 11:26 AM 0.000100 mg/L Phenanthrene 12527 ND 0.210 0.000100 mg/L 11/21/2012 11:26 AM 12527 Pyrene ND 0.210 0.000100 mg/L 11/21/2012 11:26 AM Internal Quality Control Compounds 12527 82.0 %REC 11/21/2012 11:26 AM SS: 2-Fluorobiphenyl 26.8-113 %REC SS: 4-Terphenyl-d14 88.1 11/21/2012 11:26 AM 12527 31.3-152 SS: Nitrobenzene-d5 79.0 13.8-115 %REC 11/21/2012 11:26 AM 12527 Method: EPA-SW9010B/9014-Rev 0, Dec-95 CYANIDE, TOTAL Analyst: LAP Cyanide ND 0.20 0.010 11/26/2012 10:37 AM R29321 **MERCURY BY CVAA** Method: EPA-SW7470A-Rev 1, Sep-94 Analyst: jmk Mercury ND 0.0002 11/20/2012 2:10 PM 12530 mg/L

Suburban Laboratories, Inc. 4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-7

Lab ID: 1211870-007

Date Received: 11/16/2012 2:35 PM

Collection Date: 11/14/2012 9:55 AM

Matrix: GROUNDWATER

Lab ID: 1211870-007	Date I	Received:	11/16/2012 2:	35 PM	Collection Date: 11/14/2012 9:55 AM				
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
CHLORINATED PESTICIDES		Method: EPA-508-Rev			3.1, 1995		Analyst: mn		
Hexachlorobenzene Internal Quality Control Compounds	ND		0		mg/L .	1	11/28/2012 2:59 PM	12574	
SS: 4,4'-Dichloroblphenyl	79.7		56.8-111		%REC	· 1	11/28/2012 2:59 PM	12574	
CHLORINATED ACID HERBICIDES			Method: (EPA-515.1-Rev	4.1, 1995		Analyst: mn		
Pentachlorophenol	ND		0		mg/L	1	11/29/2012 11:12 AM	12606	
internal Quality Control Compounds									
SS: DCAA	78.9		70-130		%REC	. 1	11/29/2012 11:12 AM	12606	
METALS BY ICP			Method: 1	EPA-SW6010B	-Rev 2, Dec-96		Analyst: jmk		
Aluminum	1.46	3.50	0.0174		mg/L	1	11/20/2012 8:26 PM	12541	
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 8:26 PM	12541	
Barium	0.0349	2.00	0.00500		mg/L	1	11/20/2012 8:26 PM	12541	
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 8:26 PM	12541	
Cadmium	0.00216	0.00500	0.00100	J	mg/L	1	11/21/2012 11:05 AM	12541	
Calcium	436		0.0151		mg/L	1	11/20/2012 8:26 PM	12541	
Chromium	ND	0,100	0.00500		mg/L	1	11/20/2012 8:26 PM	12541	
Coball	0.0105	1.00	0.00909	J	mg/L	1	11/20/2012 8:26 PM	12541	
Copper	0.0120	0.650	0.00299		mg/L	1	11/20/2012 8:26 PM	12541	
Iron	21.3	5.00	0.0117	-	mg/L	1	11/20/2012 8:26 PM	12541	
Magnesium	136	0.450	0.0109		mg/L	1	11/20/2012 8:26 PM	12541	
Manganese	1.72	0.150	0.00882	-	mg/L	1	11/20/2012 8:26 PM	12541	
Nickel	0.0130	0.100	0.00400		mg/L	1	11/20/2012 8:26 PM	12541	
Potassium	25.8	0.0500	0.0400		mg/L	1	11/20/2012 8:26 PM	12541	
Selenium Silver	ND	0.0500	0.0250		mg/L	1	11/20/2012 8:26 PM	12541	
Sodium	ND 300	0.0500	0.00200 1.00		mg/L	1 10	11/20/2012 8:26 PM	12541	
Vanadium	ND	0.0490	0.00259		mg/L	10	11/21/2012 2:33 PM	12541	
Zinc	0.0385	5.00	0.00239		mg/L	1	11/20/2012 8:26 PM	12541	
	0.0365	5.00		SIMBAE SIMBO	mg/L 20-Rev 0, Sep-9		11/20/2012 8:26 PM	12541	
METALS BY ICPMS				346-5440	20-11EV U, 3EP-9	•	Analyst; dc		
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 7:40 PM	12542	
Lead	0.0440	0.00750	0.00010	•	mg/L	1	11/21/2012 2:57 PM	12542	
Thallium	0.00016	0.00200	0.00010		mg/L	1	11/21/2012 2:57 PM	12542	
ORGANOCHLORINE PESTICIDES			Method:	EPA-SW8081	A-Rev 1, Dec-96		Analyst; mn		
4,4'-DDD	· ND	0.0140	0.000050		mg/L	1	11/26/2012 9:03 PM	12554	
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 9:03 PM	12554	
4,4'-DDT	ND	0.00600	0.000050		mg/L	1	11/26/2012 9:03 PM	12554	



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN Client Sample ID: MW-7

Lab ID: 1211870-007

Date Received: 11/16/2012 2:35 PM

Report Date: December 10, 2012

Workorder: 1211870

Matrix: GROUNDWATER

Collection Date: 11/14/2012 9:55 AM

			Report			Dilution		
Parameter_	Result	MCL	Limit	Qual.	Units		Date Analyzed	Batch ID
ORGANOCHLORINE PESTICIDES				PA-SW8081A-			Analyst: mn	
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 9:03 PM	12554
alpha-BHC	ND 0	.000110	0.000025		mg/L	1	11/26/2012 9:03 PM	12554
alpha-Chiordane	ND		0.000025		mg/L	1	11/26/2012 9:03 PM	12554
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 9:03 PM	12554
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 9:03 PM	1255
della-BHC	ND		0.000025		mg/L	1	11/26/2012 9:03 PM	1255
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 9:03 PM	1255
Endosulfan i	ND		0.000025		mg/L	1	11/26/2012 9:03 PM	1255
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 9:03 PM	1255
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 9:03 PM	1255
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 9:03 PM	1255
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 9:03 PM	1255
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 9:03 PM	1255
gamma-BHC	ND 0	.000200	0.000025		mg/L	1	11/26/2012 9:03 PM	1255
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 9:03 PM	1255
Heptachlor	ND 0	.000400	0.000025		mg/L	1	11/26/2012 9:03 PM	1255
Heptachlor epoxide	ND (.000200	0.000025		mg/L ·	1	11/26/2012 9:03 PM	1255
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 9:03 PM	1255
Internal Quality Control Compounds					•			
SS: Tetrachloro-m-xylene	58.2		31-143		%REC	1	11/26/2012 9:03 PM	1255
PCBS			Method: E	PA-SW8082-R	ev 0, Dec-98		Analyst: dp	
Aroclor 1016	ND (0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Arocior 1221	ND (0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Aroclor 1232		0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Aroclor 1242		0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Aroclor 1248		0.000500	0.000100	•	mg/L	1	11/20/2012 4:00 PM	1255
Aroclor 1254		0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Araclor 1260		0.000500	0.000100		mg/L	1	11/20/2012 4:00 PM	1255
Internal Quality Control Compounds	110	3.000000	0,000			•		
SS: Tetrachloro-m-xylene	66.2		40.4-143		%REC	1	11/20/2012 4:00 PM	1255
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW8260B	-Rev 2, Dec-96		Analyst: is	
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 9:48 PM	R2940
1,1,2,2-Telrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 9:48 PM	R2940
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R294
1.1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/27/2012 9:48 PM	
1,1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/27/2012 9:48 PM	
1,1-Dictiordernerne 1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	
	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	
1,2-Dichloropropane					-	1	11/27/2012 9:48 PM	
2-Butanone	ND	0.420	0.00200		mg/L	'	11/2/12012 5.40 FW	1 1/254



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Lab ID: 1211870-007

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-7

Date Received: 11/16/2012 2:35 PM

LAB 1D. 1211070-007	Date	Received:	11/10/2012 2:	33 PIVI	Collection			
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch 1D
VOLATILE ORGANIC COMPOUNDS			Method: I	EPA-SW8260B-	Rev 2, Dec-96		Analyst: !s	
2-Hexanone	ND		0.00500		mg/L	1	11/27/2012 9:48 PM	R29400
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/27/2012 9:48 PM	R29400
Acetone	ND	6.30	0.00500		mg/L	1	11/27/2012 9:48 PM	R29400
Benzene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Bromodichloromethane	ND	0.000200	0.000200		· mg/L	1	11/27/2012 9:48 PM	R29400
Bromoform	ND	0.00100	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Carbon disulfide	ND	0.700	0.030200		mg/L	1	11/27/2012 9:48 PM	R29400
Carbon letrachloride	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Chloroform	ND	0.000200	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Chloromethane	ND		0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
cls-1,3-Dichlarapropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
m,p-Xylene	ND		0.00200		mg/L	1	11/27/2012 9:48 PM	R29400
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 9:48 PM	R29400
o-Xylene	ND		0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 9:48 PM	R29400
Styrene	ND	0.100	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Toluene	ND	1.00	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 9:48 PM	R29400
Internal Quality Control Compounds					•			
SS: 4-Bromofluorobenzene	101		67.9-119		%REC	1	11/27/2012 9:48 PM	R29400
SS: Dibromofluoromethane	101		62.3-122		%REC	1	11/27/2012 9:48 PM	R29400
SS: Toluene-d8	99.2		68.2-119		%REC	1	11/27/2012 9:48 PM	R29400
SEMIVOLATILE ORGANICS (BNAS)			Melhod: I	EPA-8270C-Rev	3, Dec-96		Analyst: is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/19/2012 6:56 PM	12524
1,2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 6:56 PM	12524
1,3-Dichlorobenzene	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
1,4-Dichlorobenzene	ND		0.010		mg/L	1	11/19/2012 6:56 PM	
2,4,5-Trichlorophenol	ND		0.010		mg/L	i	11/19/2012 6:56 PM	12524 12524
2,4,6-Trichlorophenal	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
						•		12024



Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-7

Lab ID: 1211870-007

Date Received: 11/16/2012 2:35 PM

Parameter	Desula		Report			Dilution		
1 a lameter	Result	MCL	Limit	Qual	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3 Dec-96		Applicate to	
2,4-Dichlorophenol	ND	0.021	0.010		mg/L	1	Analyst: Is	40504
2,4-Dimethylphenol	ND	0.140	0.010		mg/L	1	11/19/2012 6:56 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L	1	11/19/2012 6:56 PM 11/19/2012 6:56 PM	12524
2,4-Dinitrotoluene	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524 12524
2-Chloronaphthalene	ND	0.560	0.010		mg/L	1	11/19/2012 6:56 PM	
2-Chlorophenol	ND	0.035	0.010		mg/L	. 1	11/19/2012 6:56 PM	12524 12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 6:56 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 6:56 PM	12524
2-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 6:56 PM	
3,3-Dichlorobenzídine	ND	0.020	0.010		mg/L	1	11/19/2012 6:56 PM	12524 12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 6:56 PM	
4,6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
4-Chloro-3-methylphenol	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1		12524
4-Chlorophenyl phenyl ether	ND	5.525	0.010		mg/L	1	11/19/2012 6:56 PM 11/19/2012 6:56 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1		12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 6:56 PM 11/19/2012 6:56 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1		12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
Diethyl phthalate	ND	5.60	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Dimethyl phthalate	ND	0.00	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		-		11/19/2012 6:56 PM	12524
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Hexachlorobenzene	ND	0.140	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Hexachlorobuladiene	ND	0.007			mg/L	1	11/19/2012 6:56 PM	12524
Hexachlorocyclopentadiene	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
Hexachioroethane	ND	0.050	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Isophorone	ND ND	0.007	0.010		mg/L	1	11/19/2012 6:56 PM	12524
m,p-Cresol		1.40	0.010		mg/L	i1	11/19/2012 6:56 PM	12524
Nitrobenzene	ND		0.010		mg/L	1	11/19/2012 6:56 PM	12524
	ND	0.004	0.010		mg/L	1	11/19/2012 6:56 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 6:56 PM	12524
N-Nitrosodiphenylamine o-Cresol	ND	0.003	0.010		mg/L	1	11/19/2012 6:56 PM	12524
	ND	0.350	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Pentachlorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Phenol Carlin Carlo	ND	0.100	0.010		mg/L	1	11/19/2012 6:56 PM	12524
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenol	77.8		36.6-133		%REC	1	11/19/2012 6:56 PM	12524
SS: 2-Fluorobiphenyl	57.0		26.8-113		%REC	1	11/19/2012 6:56 PM	12524

Suburban Laboratories, Inc. 4140 Let Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-7

Data Paraivad: 11/16/2012 2:35 PM

Lab ID: 1211870-007	Date F	Received:	11/16/2012 2:3	35 PM	Collection Date: 11/14/2012 9:55 AM				
			Report		Dilution				
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch 1D	
SEMIVOLATILE ORGANICS (BNAS)			Method: E	PA-8270C-Re	v 3, Dec-96		Analyst Is		
SS: 2-Fluorophenol	53.3		0.1-110		%REC	1	11/19/2012 6:56 PM	12524	
SS: 4-Terphenyl-d14	36.5		31,3-152		%REC	1	11/19/2012 6:56 PM	12524	
SS: Nitrobenzene-d5	55.4		13.8-115		%REC	1	11/19/2012 6:56 PM	12524	
SS: Phenal-d6	41.7		1.14-110		%REC	1	11/19/2012 6:56 PM	12524	
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method; E	EPA-8270C-Re	v 3, Dec-96		Analyst: Is		
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Acenaphthylene	ND	0,210	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Benzo(a)anthracene	ND (0.000130	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Benzo(a)pyrene	ND (0.000200	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Benzo(b)fluoranthene	ND (0.000180	0.000100	•	mg/L	1	11/21/2012 2:53 PM	12527	
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Benzo(k)fluoranthene	ND (0.000170	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Dibenzo(a,h)anthracene	ND (0.000300	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Fluoranthene	ND	0.280	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Indeno(1,2,3-cd)pyrene	NO (3.000430	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Naphthalene	ND	0.140	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 2:53 PM	12527	
Internal Quality Control Compounds									
SS: 2-Fluorobiphenyl	77.3		26.8-113		%REC	1	11/21/2012 2:53 PM	12527	
SS: 4-Terphenyl-d14	82.8		31.3-152		%REC	1	11/21/2012 2:53 PM	12527	
SS: Nitrobenzene-d5	77.3		13.8-115		%REC	1	11/21/2012 2:53 PM	12527	
CYANIDE, TOTAL			Method: I	EPA-SW9010B	1/9014-Rev 0, [Dec-96	Analyst: LAP		
Cyanide	ND	0.20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321	
MERCURY BY CVAA			Method:	EPA-SW7470A	N-Rev 1, Sep-9	4	Analyst: jmk		
Mercury	ND		0.0002		mg/L	1	11/20/2012 2:12 PM	12530	



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8

Lab ID: 1211870-008

Date Received: 11/16/2012 2:35 PM

Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID	
CHLORINATED PESTICIDES	Method: EPA-508-Rev 3.1, 1995 Analyst: mn								
Hexachlorobenzene	ND		0		mg/L	1	11/28/2012 3:17 PM	12574	
Internal Quality Control Compounds SS: 4,4'-Dichlorobiphenyl	60.9		56.8-111		%REC	1	11/28/2012 3:17 PM	12574	
CHLORINATED ACID HERBICIDES			Method: E	PA-515.1-Rev	4.1, 1995		Analyst mn		
Pentachlorophenol	. ND		0		mg/L	1	11/29/2012 11:53 AM	12606	
Internal Quality Control Compounds			Ü		mg/L	•	11/23/2012 11:55 AW	12000	
SS: DCAA	0		70-130	S	%REC	1	11/29/2012 11:53 AM	12606	
METALS BY ICP			Method; E	PA-SW6010B-	Rev 2, Dec-95		Analyst: jmk		
Aluminum	1.62	3.50	0.0174		mg/L	1	11/20/2012 8:37 PM	12541	
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 8:37 PM	12541	
Barium	0.911	2.00	0.00500		mg/L	1	11/20/2012 8:37 PM	12541	
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 8:37 PM	12541	
Cadmium	ND	0.00500	0.00100		mg/L	1	11/21/2012 11:09 AM	12541	
Calcium	191		0.0151		mg/L	1	11/20/2012 8:37 PM	12541	
Chromium	0.0121	0.100	0.00500		mg/L	1	11/20/2012 8:37 PM	12541	
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 8:37 PM	12541	
Copper	0.00322	0.650	0.00299	J	mg/L	1	11/20/2012 8:37 PM	12541	
iron	25.2	5.00	0.0117	•	mg/L	1	11/20/2012 8:37 PM	12541	
Magnesium	282		0.0109		mg/L	1	11/20/2012 8:37 PM	12541	
Manganese	0.782	0.150	0.00882	•	mg/L	1	11/20/2012 8:37 PM	12541	
Nickel	0.0118	0.100	0.00400		mg/L	1	11/20/2012 8:37 PM	12541	
Potassium	75.2		0.0400		mg/L	1	11/20/2012 8:37 PM	12541	
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 8:37 PM	12541	
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 8:37 PM	12541	
Sodium	613	0.0000	1.00		mg/L	10	11/21/2012 2:37 PM	12541	
Vanadium	0.00614	0.0490	0.00259	J	mg/L	1	11/20/2012 8:37 PM	12541	
Zinc	0.108	5.00	0.0150	·	mg/L	1	11/20/2012 8:37 PM	12541	
METALS BY ICPMS			Method:	SW846-SW602	0-Rev 0, Sep-9	4	Analysi: dc		
Antimony	0.00116	0.00600	0.00060		mg/L	1	11/21/2012 7:45 PM	12542	
Lead		0.00750	0.00010		mg/L	1	11/21/2012 3:02 PM	12542	
Thallium	0.0313 ND		0.00010		mg/L	1	11/21/2012 3:02 PM	12542	
ORGANOCHLORINE PESTICIDES			Method:	EPA-SW8081A	-Rev 1, Dec-96		Analyst: mn		
4,4'-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 10:35 PM	1 12554	
4.4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 10:35 PM		
4,4'-DDT	ND		0.000050		mg/L	1	11/26/2012 10:35 PM		

Suburban Laboratories, Inc. 4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8

Lab ID: 1211870-008

Date Received: 11/16/2012 2:35 PM

Lab 10: 1211070-000	Date	Date Received: (1/10/2012 2.33 FW				Collection Date: 11/14/2012 8:45 AM			
			Report			Dilution			
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID	
ORGANOCHLORINE PESTICIDES			Method: I	EPA-SWB081A-	-Rev 1, Dec-95		Analyst: mn		
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
alpha-BHC	ND	0.000110	0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
alpha-Chiordane	ND		0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 10:35 PM	12554	
delta-BHC	ND		0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
Endosulfan I	ND		0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 10:35 PM	12554	
gamma-BHC	ND	0.000200	0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Heptachlor		0.000400	0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Heptachlor epoxide		0.000200	0.000025		mg/L	1	11/26/2012 10:35 PM	12554	
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 10:35 PM	12554	
Internal Quality Control Compounds		0.0.00	0.000200			•	1 1/20/2012 10:33 FIM	12334	
SS: Tetrachloro-m-xylene	69.2		31-143		%REC	1	11/26/2012 10:35 PM	12554	
PCBS			Method:	EPA-SW8082-F	Rev 0, Dec-96		Analyst: dp		
Aroclar 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Aroclor 1221	ND	0.000500	0.000100		mg/L	1	. 11/20/2012 4:19 PM	12555	
Aroclor 1232		0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Aroclor 1242		0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Aroclor 1248	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Arocior 1254		0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Araclar 1260	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:19 PM	12555	
Internal Quality Control Compounds						·	1112012012 4.151	12333	
SS: Tetrachloro-m-xylene	67.5		40.4-143		%REC	1	11/20/2012 4:19 PM	12555	
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW8260B	-Rev 2, Dec-96		Analyst: Is		
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400	
1,1,2,2-Tetrachforoethane	ND	0.420	0.000200		mg/L	1	11/27/2012 10:27 PM		
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM		
1,1-Dichloroethane	ND		0.000200		mg/L	1	11/27/2012 10:27 PM		
1,1-Dichloroethene	ND		0.000200		mg/L	1	11/27/2012 10:27 PM		
1.2-Dichloroethane	ND		0.000200		mg/L	1	11/27/2012 10:27 PM		
1,2-Dichloropropane	ND		0.000200		mg/L	1	11/27/2012 10:27 PM		
2-Butanone	ND		0.00200		mg/L	1	11/27/2012 10:27 PM		
			3.00200		mg/c			1 1428400	



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8

Lab ID: 1211870-008

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 8:45 AM

Parameter	nla	MOL	Report			Dilution		
rarameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method	: EPA-SW8260B-I	Rev 2. Dec-96		Analyst: Is	
2-Hexanone	ND		0.00500		mg/L	1	11/27/2012 10:27 PM	R29400
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/27/2012 10:27 PM	R29400
Acetone	0.0317	6.30	0.00500		mg/L	1	11/27/2012 10:27 PM	R29400
Benzene	0.000560	0.00500	0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Bromoform	ND	0.00100	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Carbon disulfide	0.000200	0.700	0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Chloroform	ND	0.000200	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Chloromethane	ND		0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
ds-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Ethylbenzene	0.000220	0.700	0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
m,p-Xylene	ND		0.00200		mg/L	1	11/27/2012 10:27 PM	R29400
Methyl tert-butyl ether	0.000530	0.0700	0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 10:27 PM	R29400
o-Xylene	0.000350		0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 10:27 PM	R29400
Styrene	ND	0.100	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Toluene	0.000890	1.00	0.000200	J	mg/L	1	11/27/2012 10:27 PM	R29400
trans-1,2-Dichloroethene	NĐ	0.100	0.000200		mg/L	. 1	11/27/2012 10:27 PM	R29400
trans-1,3-Dichloropropene	ИD	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Trichloroethene	ИD	0.00500	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 10:27 PM	R29400
Internal Quality Control Compounds					•			
SS: 4-Bromofluorobenzene	120		67.9-119	S	%REC	1	11/27/2012 10:27 PM	R29400
SS: Dibromofluoromethane	103		62.3-122		%REC	1	11/27/2012 10:27 PM	R29400
SS: Tolueñe-d8	103		68.2-119		%REC	1	11/27/2012 10:27 PM	R29400
SEMIVOLATILE ORGANICS (BNAS)			Method	: EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/19/2012 7:32 PM	12524
1,2-Dichlorobenzene	ND		0.010		mg/L	1	11/19/2012 7:32 PM	12524
1,3-Dichlorobenzene	ND		0.010		mg/L	1	11/19/2012 7:32 PM	12524
1,4-Dichlorobenzene	ND.		0.010		•	1	11/19/2012 7:32 PM	12524
2.4,5-Trichlorophenol	ND ND	- •	0.010		mg/L	-		
2,4,6-Trichlorophenol	ND		0.010	1	mg/L mg/L	1 1	11/19/2012 7:32 PM 11/19/2012 7:32 PM	12524 12524
_, ., o	NO	0.010	0.010		mg/L	'	1111012012 1.32 FW	12324



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8

Lab ID: 1211870-008

Date Received: 11/16/2012 2:35 PM

			Report		Report Dilution						
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID			
SEMIVOLATILE ORGANICS (BNAS)			Method	: EPA-8270C-Rev	3 Dec-98		Analise to				
2,4-Dichlorophenol	ND	0.021	0.010		mg/L		Analyst is				
2,4-Dimethylphenol	ND	0.140	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
2,4-Dinitrophenol	. ND	14.0	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
2,4-Dinitrotoluene	ND.	14.0	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
2-Chioronaphthalene	ND	0.560	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
2-Chlorophenol	ND	0.035	0.010		•	1	11/19/2012 7:32 PM	12524			
2-Methylnaphthalene	ND	0.028	0.010		mg/L	•	11/19/2012 7:32 PM	12524			
2-Nitroanlline	ND	0.021	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
2-Nitrophenal	ND	0.021	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4,6-Dinitro-2-methylphenol	ND	0.002	0.010		mg/L mg/L	1	11/19/2012 7:32 PM	12524			
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4-Chloro-3-methylphenol	ND	•	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4-Chioroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4-Chlorophenyl phenyl ether	ND	5.020	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
4-Nitrophenol	ND	0.52	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Carbazole	ND		0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Diethyl phthalate	ND	5.60	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Dimethyl phthalate	ND	0.00	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Di-n-butyl phthalate	ND	0.700	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Hexachlorobenzene	ND	3	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Hexachlorobutadiene	ND	0.007	0.010		mg/L		11/19/2012 7:32 PM	12524			
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Hexachloroethane	ND	0.007	0.010		_		11/19/2012 7:32 PM	12524			
Isophorone	ND	1.40	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
m,p-Cresol	0.186	1.40	0.050		mg/L	1	11/19/2012 7:32 PM	12524			
Nitrobenzene	ND	0.004	0.030		mg/L	5	11/20/2012 1:02 PM	12524			
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
N-Nitrosodiphenylamine	ND	0.002	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
o-Cresol	ND.	0.350			mg/L	1	11/19/2012 7:32 PM	12524			
Pentachlorophenot	ND.		0.010		mg/L	1	11/19/2012 7:32 PM	12524			
Phenol		0.010	0.010		mg/Ļ	1	11/19/2012 7:32 PM	12524			
Internal Quality Control Compounds	, ND	0.100	0.010		mg/L	1	11/19/2012 7:32 PM	12524			
SS: 2,4,6-Tribromophenol			50.0.450								
SS: 2-Fluorobiphenyl	88.6 40.5		36.6-133		%REC	1	11/19/2012 7:32 PM	12524			
GG. 2-1 IUGIODIPHETIYI	40.5		26.8-113	,	%REC	1	11/19/2012 7:32 PM	12524			



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8

Lab ID: 1211870-008

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 8:45 AM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch 1D
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3. Dec-96		- Analyst: Is	
SS: 2-Fluorophenol	59.1		0.1-110		%REC	1	11/19/2012 7:32 PM	12524
SS: 4-Terphenyl-d14	0		31.3-152	s	%REC	1	11/19/2012 7:32 PM	12524
SS: Nitrobenzene-d5	37.3		13.8-115	•	%REC	1	11/19/2012 7:32 PM	12524
SS: Phenol-d6	48.9		1.14-110		%REC	1	11/19/2012 7:32 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method:	EPA-8270C-Rev	3, Dec-98		Analyst; Is	
Acenaphthene	0.00104	0.420	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Acenaphthylene	ND	0.210	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Anlhracene	ND	2.10	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Benzo(a)anthracene	ND I	0.000130	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Benzo(a)pyrene	ND	0.000200	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Benzo(b)fluoranthene	ND I	0.000180	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Benzo(g,h,i)perylene	ND	0.210	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Benzo(k)fluoranthene	ND	0.000170	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Chrysene	ND	0.00150	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Dibenzo(a,h)anthracene	ND	0.000300	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Fluoranthene	ND	0.280	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Fluorene	ND	0.280	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Indena(1,2,3-cd)pyrene	ND	0.000430	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Naphthalene	0.00245	0.140	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Phenanthrene	0.00208	0.210	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Pyrene	ND	0.210	0.00100		mg/L	10	11/27/2012 8:47 AM	12527
Internal Quality Control Compounds					-			
SS: 2-Fluorobiphenyl	78.2		26.8-113		%REC	10	11/27/2012 8:47 AM	12527
SS: 4-Terphenyl-d14	75.5		31.3-152		%REC	10	11/27/2012 8:47 AM	12527
SS: Nitrobenzene-d5	91.7		13.8-115		%REC	10	11/27/2012 8:47 AM	12527
CYANIDE, TOTAL			Method	: EPA-SW9010B	/9014-Rev 0,	Dec-96	Analyst: LAP	
Cyanide	ND	0.20	0.010		mg/L	1	11/28/2012 10:37 AM	R29321
MERCURY BY CVAA			Method	: EPA-SW7470A	-Rev 1, Sep-9	4	Analyst: jmk	
Mercury	ND		0.0002		mg/L	1	11/20/2012 2:14 PM	12530

Electronic Filing - Recived, Clerk's Office : 05/13/2013

Suburban Laboratories, Inc. 4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

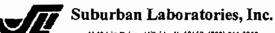
Project Name: LYN Client Sample ID: MW-9

Report Date: December 10, 2012

Workorder: 1211870

Matrix: GROUNDWATER

Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00964 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 8:48 PM 12541 Sodium 448 1.00 mg/L 10 11/21/2012 2:40 PM 12541 Vanadium 0.00351 0.0490 0.00259 J mg/L 1 11/20/2012 8:48 PM 12541 METALS BY ICPMS Method: SW846-SW6020-Rev 0. Sep-94 Analyst: dc Analyst: dc Antimony 0.00103 0.00600 0.00060 mg/L 1 11/21/2012 3:07 PM 12542 Lead 0.0115 0.00750 0.00010 mg/L 1 11/21/2012	Lab ID: 1211870-009	Date F	Received:	11/16/2012 2:3	35 PM	Collection I			
CHLORINATED PESTICIDES	_					• • • •			
Hexachlorobenzene ND	Parameter	Result	MCL	Limit	Qual	Units	Factor	Date Analyzed	Batch ID
Internal Quality Control Compounds SS: 4.4 - Dictriorolopheny 63.8 56.8-111 %REC 1 11/28/2012 3:36 PM 12574	CHLORINATED PESTICIDES	Method: EPA-508-Rev 3.1, 1995						Analyst: mn	
SS: 4,4-Dichlorobiphenyl 63.8 56.8-111 %REC 1 11/28/2012 3:36 PM 12574		ND		0		mg/L	1	11/28/2012 3:36 PM	12574
Pentachlorophenol ND		63.8		56.8-111		%REC	1	11/28/2012 3:36 PM	12574
No.	CHLORINATED ACID HERBICIDES			Method: E	PA-515.1-Rev	4.1, 1995		Analyst: mn	
SS: DCAA 102 70-130 %REC 1 11/29/2012 12:34 PM 12505	•	ND		0		mg/L	1	11/29/2012 12:34 PM	12606
METALS BY ICP		102		70-130		%REC	1	11/20/2012 12:34 PM	12505
Aluminum 1.08 3.50 0.0174 mg/L 1 11/20/2012 8:48 PM 12541 Barium 0.0321 2.00 0.0500 mg/L 1 11/20/2012 8:48 PM 12541 Barium 0.0321 2.00 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Cadmium ND 0.00500 0.0100 mg/L 1 11/20/2012 8:48 PM 12541 Calcium 340 0.0151 mg/L 1 11/20/2012 8:48 PM 12541 Calcium ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Chromitum ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Cobalt ND 1.00 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00984 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 mg/L 1 11/20/2012 8:48 PM 12541 Selentum ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.00000 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.00000 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.00000 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.000000 0.000000 mg/L 1 11/20/2012 8:49 PM 12541 Silver ND 0.000000 0.00000 mg/L 1 11/20/2012 8:49		,,,,			PA-SWEDINE		•		12000
Arsenic ND 0.0500 0.0200 mg/L 1 11/20/2012 8:48 PM 12541 Barium 0.0321 2.00 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Cadmlum ND 0.00500 0.00100 mg/L 1 11/20/2012 8:48 PM 12541 Calcium 340 0.0151 mg/L 1 11/20/2012 8:48 PM 12541 Chromitum ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Cobalt ND 1.00 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0090 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7	METALS BY ICP			medisc. C		-NOV 2, D00-00		Wildher hur	
Barium 0.0321 2.00 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Beryllium ND 0.00400 0.00250 mg/L 1 11/20/2012 8:48 PM 12541 Cadmlum ND 0.00500 0.00100 mg/L 1 11/20/2012 8:48 PM 12541 Calcium 340 0.0151 mg/L 1 11/20/2012 8:48 PM 12541 Chromium ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Chromium ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Coball ND 1.00 0.00909 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0017 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 0.000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:48 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:49 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:49 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:49 PM 12541 Iron 0.0000 0.00000 mg/L 1 11/20/2012 8:49 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:49 PM 12541 Iron 0.0000 0.0000 mg/L 1 11/20/2012 8:49 PM 12542 Iron 0.0000 0.00000 mg/L 1 11/20/2012 8:49 PM 12542 Iron 0.00000 0.00000 mg/L 1 11/20/2012 8:49 PM 12542 Iron 0.000000 0.00000 mg/L 1 11/20/2012 8:49 PM 12542 Iron 0.0000000000000000000	Aluminum		3.50	0.0174		mg/L	1	11/20/2012 8:48 PM	12541
Beryllium	Arsenic			0.0200		mg/L	1	11/20/2012 8:48 PM	12541
Cadmium ND 0.00500 0.00100 mg/L 1 11/21/2012 11:13 AM 12541 Calcium 340 0.0151 mg/L 1 11/20/2012 8:48 PM 12541 Chromium ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Coball ND 1.00 0.00909 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Ion 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Magnesium 140 0.0109 mg/L 1 11/20/2012 8:48 PM 12541 Magnese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.09964 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00950 0.0250 mg/L 1 11/20/2012 8:48 PM <t< td=""><td>Barium</td><td></td><td></td><td>0.00500</td><td></td><td>mg/L</td><td>1</td><td>11/20/2012 8:48 PM</td><td>12541</td></t<>	Barium			0.00500		mg/L	1	11/20/2012 8:48 PM	12541
Calcium 340 0.0151 mg/L 1 11/20/2012 8:48 PM 12541 Chromium ND 0.100 0.09500 mg/L 1 11/20/2012 8:48 PM 12541 Coball ND 1.00 0.00909 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.0818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Magneslum 140 0.0109 mg/L 1 11/20/2012 8:48 PM 12541 Magnese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 J mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1 11/20/2012 8:48 PM 12	Beryllium	ND		0.00250		mg/L	1	11/20/2012 8:48 PM	12541
Chromium ND 0.100 0.00500 mg/L 1 11/20/2012 8:48 PM 12541 Coball ND 1.00 0.00909 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Magneslum 140 0.0109 mg/L 1 11/20/2012 8:48 PM 12541 Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.0994 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.0994 0.0100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00200	Cadmium	ND	0.00500	0.00100		mg/L	1	11/21/2012 11:13 AM	12541
Coball ND 1.00 0.00909 mg/L 1 11/20/2012 8:48 PM 12541 Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Magneslum 140 0.0109 mg/L 1 11/20/2012 8:48 PM 12541 Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00964 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.00200 mg/L 1	Calcium	340		0.0151		mg/L	1	11/20/2012 8:48 PM	12541
Copper 0.00818 0.650 0.00299 mg/L 1 11/20/2012 8:48 PM 12541 Iron 17.7 5.00 0.0117 mg/L 1 11/20/2012 8:48 PM 12541 Magneslum 140 0.0109 mg/L 1 11/20/2012 8:48 PM 12541 Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00984 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 8:48 PM 12541 Sodium 448 1.00 mg/L 1 11/20/2012 8:48 PM 12541 Vanadium 0.00351 0.0490 0.00259 J mg/L 1	Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 8:48 PM	12541
Iron	Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 8:48 PM	12541
Magneslum	Copper	0.00818	0.650	0.00299		mg/L	1	11/20/2012 8:48 PM	12541
Manganese 0.973 0.150 0.00882 mg/L 1 11/20/2012 8:48 PM 12541 Nickel 0.00964 0.100 0.00400 J mg/L 1 11/20/2012 8:48 PM 12541 Potassium 11.1 0.0400 mg/L 1 11/20/2012 8:48 PM 12541 Selenium ND 0.0500 0.0250 mg/L 1 11/20/2012 8:48 PM 12541 Silver ND 0.0500 0.00200 mg/L 1 11/20/2012 8:48 PM 12541 Sodium 448 1.00 mg/L 1 11/20/2012 8:48 PM 12541 Vanadium 0.00351 0.0490 0.00259 J mg/L 1 11/20/2012 8:48 PM 12541 METALS BY ICPMS Method: SW846-SW6020-Rev 0. Sep-94 Analyst: dc Method: SW846-SW6020-Rev 0. Sep-94 Analyst: dc Method: SW846-SW6020-Rev 0. Sep-94 Analyst: dc Analyst: dc ORGANOCHLORINE PESTICIDES									



4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-9

Matrix: GROUNDWATER Date Received: 11/16/2012 2:35 PM

Lab ID: 1211870-009

Collection Date: 11/14/2012 10:43 AM

						D		
Parameter.	Danuta	MCI	Report Limit	Onal	Elmita	Dilution	Data Amalumed	D-4-L 1D
Parameter	Result	MCL	Limit	Qual.	Units	ractor	Date Analyzed	Batch ID
ORGANOCHLORINE PESTICIDES			Method: B	EPA-SW8081A-	Rev 1, Dec-96		Analyst: mn	
Aldrin '	ND	0.0140	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
alpha-BHC	ND (0.000110	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 9:40 PM	12554
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 9:40 PM	12554
delta-BHC	ND		0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 9:40 PM	12554
Endosulfan i	ND		0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 9:40 PM	12554
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 9:40 PM	12554
Endrin	ND	0.00200	0.000050		mg/L	1	11/26/2012 9:40 PM	12554
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 9:40 PM	12554
Endrin ketone	ND		0.000050		mg/L	1	11/26/2012 9:40 PM	12554
gamma-BHC		0.000200	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
gamma-Chlordane	ND	-,554	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Heptachlor		0.000400	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Heptachior epoxide		0.000200	0.000025		mg/L	1	11/26/2012 9:40 PM	12554
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 9:40 PM	12554
Internal Quality Control Compounds		0.0.00	0.000.00			·		
SS: Tetrachloro-m-xylene	83.7		31-143		%REC	1	11/26/2012 9:40 PM	12554
PCBS			Method:	EPA-SWB032-R	ev 0, Dec-96		Analyst: dp	
Arocior 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Aroclor 1221		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Aroclor 1232		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Arocior 1242		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Aroclor 1248		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Aroclor 1254		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Aroclor 1260		0.000500	0.000100		mg/L	1	11/20/2012 4:37 PM	12555
Internal Quality Control Compounds	NO	0.000000	0.000100	•	mg/c	•	1172012012 4.07 1 III	12000
SS: Tetrachloro-m-xylene	87.5		40.4-143		%REC	1	11/20/2012 4:37 PM	12555
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW8260B	-Rev 2, Dec-96		Analyst: Is	
							44/07/0040 44:07 DE	. D20400
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 11:07 PN	
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 11:07 PN	
1,1,2-Trichloroethane	ND		0.000200		mg/L	1.	11/27/2012 11:07 PN	
1,1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/27/2012 11:07 PM	
1,1-Dichloroethene	ND		0.000200		mg/L	1	11/27/2012 11:07 PM	
1,2-Dichloroethane	ND		0.000200		mg/L	1	11/27/2012 11:07 PM	
1,2-Dichloropropane	ND		0.000200		mg/L	1	11/27/2012 11:07 PM	
2-Butanone	ND	0.420	0.00200		mg/L	1	11/27/2012 11:07 PM	/ R2940



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-9

Lab ID: 1211870-009

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 10:43 AM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method	EPA-SW8260B-F	Day 2 Dae CE		Analisah In	
2-Hexanone	ND		0.00500	-1 7-51102005-1	mg/L	1	Analyst: Is	200400
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/27/2012 11:07 PM	R29400
Acetone	ND	6.30	0.00500		•	1	11/27/2012 11:07 PM	R29400
Benzene	ND		0.000200		mg/L mg/L	1	11/27/2012 11:07 PM	R29400
Bromodichloromethane		0.000200	0.000200	·	mg/L	1	. 11/27/2012 11:07 PM	R29400
Bromoform	ND	0.00100	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Chlorobenzene	ND	0.100	0.000200		-	1	11/27/2012 11:07 PM	R29400
Chloroethane	ND	0.100	0.000200		mg/L mg/L	1	11/27/2012 11:07 PM	R29400
Chloroform		0.000200	0.000200		•	1	11/27/2012 11:07 PM	R29400
Chloromethane	ND	0.000200	0.000200		mg/L		11/27/2012 11:07 PM	R29400
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 1,1:07 PM	R29400
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Ethylbenzene	ND	0.700	0.000200		mg/L mg/L	1 1	11/27/2012 11:07 PM	R29400
m,p-Xylene	ND	0.700	0.00200		•		11/27/2012 11:07 PM	R29400
Methyl tert-butyl ether	ND	0.0700	0.00200		mg/L	1	11/27/2012 11:07 PM	R29400
Methylene chloride	ND	0.00500	0.00100		mg/L	1 1	11/27/2012 11:07 PM	R29400
o-Xylene	ND	0.00000	0.000200		mg/L mg/L	1	11/27/2012 11:07 PM	R29400
Total Xylenes	ND	10.0	0.00200		•	1	11/27/2012 11:07 PM	R29400
Styrene	ND	0,100	0.000200		mg/L mg/L	1	11/27/2012 11:07 PM	R29400
Tetrachloroethene	ND	0.00500	0.000200		_	•	11/27/2012 11:07 PM	R29400
Toluene	ND	1.00	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
trans-1,2-Dichloroethene	ND	0.100	0.000200		mg/L	.1 √1	11/27/2012 11:07 PM	R29400
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L		11/27/2012 11:07 PM	R29400
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Vinyi chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
Internal Quality Control Compounds	110	0.00200	0.000200		mg/L	1	11/27/2012 11:07 PM	R29400
SS: 4-Bromofluorobenzene	98.9		67.9-119		W.D.C.O.			
SS: Dibromofluoromethane	99.6				%REC	1	11/27/2012 11:07 PM	R29400
SS: Toluene-d8	98.8		62.3-122		%REC	1	11/27/2012 11:07 PM	R29400
	90.0		68.2-119		%REC	1	11/27/2012 11:07 PM	R29400
SEMIVOLATILE ORGANICS (BNAS)			Method;	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/19/2012 8:08 PM	12524
1,2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 8:08 PM	12524
1,3-Dichlorobenzene	ИD		0.010		mg/L	1	11/19/2012 8:08 PM	12524
1,4-Dichlorobenzene	ND	0.075	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2,4,5-Trichlorophenol	ND	0.700	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2.4,6-Trichtorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 8:08 PM	12524
			-		3	•	111 1912 0 12 0.00 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-9

Lab ID: 1211870-009

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Collection Date: 11/14/2012 10:43 AM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)								
2,4-Dichlorophenol	NO	0.004		EPA-8270C-Rev			Analyst: Is	
2,4-Dimethylphenol	ND	0.021	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2,4-Dinitrophenol	ND	0.140	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2,4-Dinitrotoluene	ND	14.0	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2-Chloronaphthalene	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
	ND	0.560	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 8:08 PM	12524
2-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 8:08 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 8:08 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Chloro-3-methylphenol	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Chlorophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 8:08 PM	12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Diethyl phthalate	ND	5.60	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Dimethyl phthalate	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Di-n-octyl phthalate	ND	0.140	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Hexachlorobenzene	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Hexachlorobutadiene	ND	0.007	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Hexachloroethane	ND	0.007	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Isophorone	ND	1.40	0.010		mg/L	1	11/19/2012 8:08 PM	12524
m,p-Cresol	ND		0.010		mg/L	1	11/19/2012 8:08 PM	12524
Nitrobenzene	ND	0.004	0.010		mg/L	1	11/19/2012 8:08 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 8:08 PM	12524
N-Nitrospdiphenylamine	ND	0.002	0.010		•	1		
o-Cresol	ND	0.350	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Pentachlorophenol	ND	0.350	0.010	•	mg/L		11/19/2012 8:08 PM	12524
Phenot		-			mg/L	1	11/19/2012 8:08 PM	12524
	ND	0.100	0.010		mg/L	1	11/19/2012 8:08 PM	12524
Internal Quality Control Compounds								
SS: 2,4,6-Tribromophenol	60.1		36.6-133		%REC	1	11/19/2012 8:08 PM	12524
SS: 2-Fluorobiphenyl	43.3		26.8-113		%REC	1	11/19/2012 8:08 PM	12524

Suburban Laboratories, Inc. 4140 Liu Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-9

Matrix: GROUNDWATER

Lab ID: 1211870-009	Date	Received:	11/16/2012 2	:35 PM	Collection			
	Report							
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Re	v 3, Dec-96		Analyst: Is	
SS: 2-Fluorophenol	46.2		0.1-110		%REC	1	11/19/2012 8:08 PM	12524
SS: 4-Terphenyl-d14	22.7		31.3-152	s	%REC	1	11/19/2012 8:08 PM	12524
SS; Nitrobenzene-d5	42.7		13.8-115		%REC	1	11/19/2012 8:08 PM	12524
SS: Phenol-d6	32.0		1.14-110		%REC	1	11/19/2012 8:08 PM	12524
SEMIVOLATILE ORGANICS, BY GCMS SIM			Method:	EPA-8270C-Re	v 3, Dec-95		Analyst is	
Acenaphthene	ND	0.420	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Acenaphthylene	ND	0.210	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Anthracene	ND	2.10	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Benzo(a)anthracene	ND	0.000130	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Benzo(a)pyrene	ND	0.000200	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Benzo(b)fluoranthene	ND	0.000180	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Benzo(g,h,i)perylene	ND	0.210	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Benzo(k)fluoranthene	ND	0.000170	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Chrysene	ND	0.00150	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Dibenzo(a,h)anthracene	ND	0.000300	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Fluoranthene	ND	0.280	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Fluorene	ND	0.280	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Indeno(1,2,3-cd)pyrene	ND	0.000430	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Naphthalene	ND	0.140	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Phenanthrene	ND	0.210	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Pyrene	ND	0.210	0.000100		mg/L	1	11/21/2012 3:30 PM	12527
Internal Quality Control Compounds					•			
SS: 2-Fluorobiphenyl	86.9		26.8-113		%REC	1	11/21/2012 3:30 PM	12527
SS: 4-Terphenyl-d14	84.1		31.3-152		%REC	1	11/21/2012 3:30 PM	12527
SS: Nitrobenzene-d5	86.6		13.8-115		%REC	1	11/21/2012 3:30 PM	12527
CYANIDE, TOTAL			Method	EPA-SW9010B	/9014-Rev D, D	ec-96	Analyst LAP	
Cyanide	ND	0.20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321
MERCURY BY CVAA			Method	: EPA-SW7470A	-Rev 1, Sep-94	1	Analyst: jmk	
Mercury	ND		0.0002		mg/L	1	11/20/2012 2;19 PM	12530

Rpt Ver: Melissa 12/10/2012 11:28:28 AM

Suburban Laboratories, Inc. 4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Workorder: 1211870

Client Sample ID: MW-8 DUP

Lab ID: 1211870-010

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER Collection Date: 11/14/2012 8:25 AM

Report Date: December 10, 2012

			Report			Dilution		
Parameter	Result		Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
CHLORINATED PESTICIDES			Method: E	PA-508-Rev 3.	1, 1995		Analyst: mn	
Hexachlorobenzene	ND		0		mg/L	1	11/28/2012 3:55 PM	12574
Internal Quality Control Compounds								
SS: 4,4'-Dichlorobiphenyl	64.4		56.8-111		%REC	1	11/28/2012 3:55 PM	12574
CHLORINATED ACID HERBICIDES			Method: I	PA-515.1-Rev	4.1, 1995		Analyst: mn	
Pentachlorophenol	ND		0		mg/L	1	11/29/2012 1:15 PM	12606
Internal Quality Control Compounds					•			
SS: DCAA	0		70-130	s	%REC	1	11/29/2012 1:15 PM	12606
METALS BY ICP			Method: I	EPA-SW6010B-	Rev 2, Dec-96		Analyst: jmk	
Aluminum	0.786	3.50	0.0174		mg/L	1	11/21/2012 11:17 AM	12541
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 8:59 PM	12541
Barium	0.874	2.00	0.00500		mg/L	1	11/20/2012 8:59 PM	12541
Beryllium	ND	0.00400	0.00250		mg/L	1	11/20/2012 8:59 PM	12541
Cadmium	ND	0.00500	0.00100		mg/L	1	11/21/2012 11:17 AM	12541
Calcium	126		0.0151		mg/L	1	11/20/2012 8:59 PM	12541
Chromium	0.00771	0.100	0.00500		mg/L	1	11/20/2012 8:59 PM	12541
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 8:59 PM	12541
Copper	0.00839	0.650	0.00299		mg/L	1	11/20/2012 8:59 PM	12541
Iron	9.14	5.00	0.0117	•	mg/L	1	11/20/2012 8:59 PM	12541
Magnesium	272		0.0109		mg/L	1	11/20/2012 8:59 PM	12541
Manganese	0.268	0.150	0.00882	•	mg/L	1	11/20/2012 8:59 PM	12541
Nickel	0.00796	0.100	0.00400	J	mg/L	1	11/20/2012 8:59 PM	12541
Potassium	73.6		0.0400		mg/L	1	11/20/2012 8:59 PM	12541
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 8:59 PM	12541
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 8:59 PM	1254
Sodium	586		1.00		mg/L	10	11/21/2012 2:43 PM	1254
Vanadium	0.00360	0.0490	0.00259	j	mg/L	1	11/20/2012 8:59 PM	1254
Zinc	0.0372	5.00	0.0150		mg/L	1	11/20/2012 8:59 PM	1254
METALS BY ICPMS			Method:	SW846-SW602	0-Rev 0, Sep-9	4	Analyst: dc	
Antimony	0.00143	0.00600	0.00080		mg/L	1	11/21/2012 7:25 PM	1254
Lead	0.0400		0.00010	•	mg/L	1	11/21/2012 3:38 PM	1254
Thallium	ND		0.00010		mg/L	1	11/21/2012 3:38 PM	1254
ORGANOCHLORINE PESTICIDES			Method	EPA-SW8081A	I-Rev 1, Dec-96		Analyst; mn	
4,4'-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 10:54 PM	1 1255
4,4'-DDE	ND	0.0100	0.000050		mg/L	1	11/26/2012 10:54 PN	
4,4'-DDT	ND		0.000050		mg/L	1	11/26/2012 10:54 PM	

Suburban Laboratories, Inc. 4140 List Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8 DUP

Lab ID: 1211870-010

Date Received: 11/16/2012 2:35 PM

CAD ID: 1211870-010	Date	Date Received, 11/10/2012 2:33 1 W				Collection Date: 11/14/2012 8:25 AM				
			Report			Dilution				
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID		
ORGANOCHLORINE PESTICIDES			Method: 8	EPA-SW8081A-	-Rev 1, Dec-96		Analyst: mn			
Aldrin	ND	0.0140	0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
alpha-BHC	ND	0.000110	0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
alpha-Chlordane	ND		0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
beta-BHC	ND		0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Chlordane	ND	0.00200	0.000100		mg/L	1	11/26/2012 10:54 PM	12554		
delta-BHC .	ND		0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Dieldrin	ND	0.00900	0.000050		mg/L	1	11/26/2012 10:54 PM	12554		
Endosulfan I	ND		0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Endosulfan II	ND		0.000050		mg/L	1	11/26/2012 10:54 PM	12554		
Endosulfan sulfate	ND		0.000050		mg/L	1	11/26/2012 10:54 PM	12554		
Endrin	ND	0.00200	0.000050		mg/L	1	11/28/2012 10:54 PM	12554		
Endrin aldehyde	ND		0.000050		mg/L	1	11/26/2012 10:54 PM	12554		
Endrin ketone	ИĎ		0.000050		mg/L	1 ·	11/26/2012 10:54 PM	12554		
gamma-BHC	ďИ	0.000200	0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
gamma-Chlordane	ND		0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Heptachlor	ND	0.000400	0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Heptachlor epoxide	ND	0.000200	0.000025		mg/L	1	11/26/2012 10:54 PM	12554		
Methoxychlor	ND	0.0400	0.000250		mg/L	1	11/26/2012 10:54 PM	12554		
Internal Quality Control Compounds										
.SS: Tetrachioro-m-xylene	58.0		31-143		%REC	1	11/26/2012 10:54 PM	12554		
PCBS			Method:	EPA-SW8082-F	Rev 0, Dec-96		· Analyst: dp			
Aroclor 1016	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:56 PM	12555		
Aroclor 1221	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:56 PM	12555		
Aroclor 1232	ND	0.000500	0.000100		mg/L	· 1	11/20/2012 4:56 PM	12555		
Aroclor 1242	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:58 PM	12555		
Aroclor 1248	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:56 PM	12555		
Aroclor 1254	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:56 PM	12555		
Aroclor 1260	ND	0.000500	0.000100		mg/L	1	11/20/2012 4:56 PM	12555		
Internal Quality Control Compounds										
SS: Tetrachloro-m-xylene	62.5		40.4-143		%REC	1	11/20/2012 4:56 PM	12555		
VOLATILE ORGANIC COMPOUNDS			Method:	EPA-SW82605	3-Rev 2, Dec-96		Analyst; is			
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400		
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/27/2012 11:47 PM			
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM			
1,1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/27/2012 11:47 PM			
1,1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/27/2012 11:47 PM			
1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM			
1,2-Dichloropropane	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM			
2-Butanone	ND	0.420	0.00200		mg/L	1	11/27/2012 11:47 PM			
					-					



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8 DUP

Lab ID: 1211870-010

Date Received: 11/16/2012 2:35 PM

					Collection Date: 11/14/2012 8:25 AM				
Parameter	Result	MCL	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch IE	
VOLATILE ORGANIC COMPOUNDS									
2-Hexanone				EPA-SW8260B-	Rev 2, Dec-96		Analyst: Is		
	ND		0.00500		mg/L	1	11/27/2012 11:47 PM	R29400	
4-Methyl-2-pentanone Acetone	ND		0.00500		mg/L	1	11/27/2012 11:47 PM	R29400	
Benzene	0.0422		0.00500		mg/L	1	11/27/2012 11:47 PM	R29400	
Bromodichloromethane		0.00500	0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
		0.000200	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Bromoform Bromom athems	ND		0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Bromomethane	, ND	0.00980	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Carbon disulfide	0.000420	0.700	0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
Carbon tetrachloride	ND		0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Chloroethane	ND		0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Chloroform	ND	0.000200	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Chloromethane	ND		0.000200		mg/L	.1	11/27/2012 11:47 PM	R29400	
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
cis-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Ethylbenzene	0.000240	0.700	0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
m,p-Xylene	ИD		0.00200		mg/L	1	11/27/2012 11:47 PM	R29400	
Methyl tert-butyl ether	0.000440	0.0700	0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/27/2012 11:47 PM	R29400	
o-Xylene	0.000340		0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/27/2012 11:47 PM	R29400	
Styrene	ND	0.100	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Tetrachloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Toluene	0.000750	1.00	0.000200	J	mg/L	1	11/27/2012 11:47 PM	R29400	
trans-1,2-Dichloroethene	ND	0.100	0.000200	-	mg/L	1	11/27/2012 11:47 PM	R29400	
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Trichloroethene	ND	0.00500	0.000200		mg/L	1	11/27/2012 11:47 PM	R29400	
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/27/2012 11:47 PM		
Internal Quality Control Compounds		0.00200	0.000200		iiig/L	'	11/2//2012 11:47 PM	R29400	
SS: 4-Bromofluorobenzene	117		67.9-119		%REC	1	11/07/00/0 / 4.47 DM	220405	
SS: Dibromofluoromethane	104		62.3-122				11/27/2012 11:47 PM	R29400	
SS: Toluene-d8	100				%REC	1	11/27/2012 11:47 PM	R29400	
	100		68.2-119		%REC	1	11/27/2012 11:47 PM	R29400	
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is		
1,2,4-Trichlorobenzene	ND	0.070	0.011		mg/L	1	11/19/2012 8:44 PM	12524	
1,2-Dichlorobenzene	ND	0.600	0.011		mg/L	1	11/19/2012 8:44 PM	1252	
1,3-Dichlorobenzene	ND		0.011		mg/L	1	11/19/2012 8:44 PM	1252	
1,4-Dichlorobenzene	ND	0.075	0.011		mg/L	1	11/19/2012 8:44 PM	1252	
2,4,5-Trichlorophenot	ND	0.700	0.011		mg/L	1	11/19/2012 8:44 PM	1252	
2,4,6-Trichlorophenol	ND	0.010	0.011		mg/L	1	11/19/2012 8:44 PM	1252	



Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8 DUP

Lab ID: |2|1870-010

Date Received: 11/16/2012 2:35 PM

		Report				Dilution		
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3 Dec-96		Analysi: is	
2,4-Dichlorophenol	ND	0.021	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2,4-Dimethylphenol	ND	0.140	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2,4-Dinitrophenoi	ND	14.0	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2,4-Dinitrololuene	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
2-Chloronaphthalene	ND	0.560	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2-Chlorophenol	ND	0.035	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2-Methylnaphthalene	ND	0.028	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2-Nitroaniline	ND	0.021	0.011		mg/L	1	11/19/2012 8:44 PM	12524
2-Nitrophenol	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.011		mg/L	1	11/19/2012 8:44 PM	12524
3-Nitroaniline	ND	0.002	0.011		mg/L	1	11/19/2012 8:44 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Bromophenyl phenyl ether	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Chloro-3-methylphenol	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Chloroaniline	ND	0.028	0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Chlorophenyl phenyl ether	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Nitroaniline	ND	0.021	0.011		mg/L	1	11/19/2012 8:44 PM	12524
4-Nitrophenol	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Butyl benzyl phthalate	ND	1.40	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Carbazole	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
Dibenzofuran	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
Diethyl phthalate	ND	5.60	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Dimethyl phthalate	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
Di-n-butyl phthalate	ND	0.700	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Di-n-octyl phthalate	ND	0.140	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Hexachlorobenzene	ND		0.011		mg/L	1	11/19/2012 8:44 PM	12524
Hexachlorobutadiene	ND	0.007	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Hexachloroethane	ND	0.007	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Isophorone	ND	1.40	0.011		mg/L	1	11/19/2012 8:44 PM	12524
m,p-Cresol	D.165		0.056		mg/L	5	11/20/2012 1:37 PM	12524
Nitrobenzene	ND	0.004	0.011		mg/L	1	11/19/2012 8:44 PM	12524
N-Nitroso-di-n-propytamine	ND	0.002	0.011		mg/L	1	11/19/2012 8:44 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.011		mg/L	1	11/19/2012 8:44 PM	12524
o-Cresol	, ND	0.350	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Pentachlorophenol	ND	0.010	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Phenol	ИD	0.100	0.011		mg/L	1	11/19/2012 8:44 PM	12524
Internal Quality Control Compounds					J -	-	,	12024
SS: 2,4,6-Tribromophenal	91.6		36.6-133		%REC	1	11/19/2012 8:44 PM	12524
SS: 2-Fluorobiphenyi	59.6		26.8-113		%REC	1	11/19/2012 8:44 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: MW-8 DUP

Lab ID: 1211870-010

Date Received: 11/16/2012 2:35 PM

			Report			Dilution			
Parameter	Result		Limit	Qual.	Units	Factor	Date Analyzed	Batch ID	
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is		
SS: 2-Fluorophenol	61.1		0.1-110		%REC	1	11/19/2012 8:44 PM	12524	
SS: 4-Terphenyl-d14	25.8		31.3-152	S	%REC	1	11/19/2012 8:44 PM	12524	
SS: Nitrobenzene-d5	54.5		13.8-115		%REC	1	11/19/2012 8:44 PM	12524	
SS: Phenal-d6	52.1		1.14-110		%REC	1	11/19/2012 8:44 PM	12524	
SEMIVOLATILE ORGANICS, BY GCMS SIM	•		Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is		
Acenaphthene	0.00167	0.420	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Acenaphthylene	ND	0.210	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Anthracene	0.00123	2.10	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Benzo(a)anthracene	0.00152	0.000130	0.00100	•	mg/L	10	11/22/2012 1:51 AM	12527	
Benzo(a)pyrene	0.00151	0.000200	0.00100	•	mg/L	10	11/22/2012 1:51 AM	12527	
Benzo(b)fluoranthene	0.00197	0.000180	0.00100	•	mg/L	10	11/22/2012 1:51 AM	12527	
Benzo(g,h,i)perylene	ND	0.210	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Benzo(k)fluoranthene	ND	0.000170	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Chrysene	0.00158	0.00150	0.00100	•	mg/L	10.	11/22/2012 1:51 AM	12527	
Dibenzo(a,h)anthracene	ND	0.000300	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Fluoranthene	0.00420	0.280	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Fluorene	0.00141	0.280	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Indeno(1,2,3-cd)pyrene	ND	0.000430	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Naphthalene	0.00139	0.140	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Phenanthrene	0.00520	0.210	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Pyrene	0.00308	0.210	0.00100		mg/L	10	11/22/2012 1:51 AM	12527	
Internal Quality Control Compounds									
SS: 2-Fluorobiphenyl	66.6	}	26.8-113		%REC	10	11/22/2012 1:51 AM	12527	
SS: 4-Terphenyl-d14	64.8	3	31.3-152		%REC	10	11/22/2012 1:51 AM	12527	
SS: Nitrabenzene-d5	51.3	3	13.8-115		%REC	10	11/22/2012 1:51 AM	12527	
CYANIDE, TOTAL			Method	: EPA-SW9010B	1/9014-Rev 0,	Dec-96	Analyst: LAP		
Cyanide	NE	0.20	0.010		mg/L	1	11/26/2012 10:37 AM	R29321	
MERCURY BY CVAA			Method	: EPA-SW7470	-Rev 1, Sep-9	14	Analyst: jmk		
Mercury	NE)	0.0002		mg/L	1	11/20/2012 2:21 PM	12530	



Client 1D: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample 1D: FLBLK

Matrix: GROUNDWATER

Lab ID: 1211870-011	Date I	Received:	11/16/2012 2:	35 PM	Collection Date: 11/15/2012 12:36 PM				
	Report				Dilution				
Parameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID	
CHLORINATED PESTICIDES			Method:	EPA-508-Rev 3	3.1, 1995		Analyst: mn		
Have ablestable was an	ND		0		mg/L	1	11/28/2012 4:13 PM	12574	
Hexachlorobenzene Internal Quality Control Compounds	NO		Ü		mgrc	'	1 1/20/20 12 4. 13 FM	12374	
SS: 4,4'-Dichlorobiphenyl	91.0		56.8-111		%REC	1	11/28/2012 4:13 PM	12574	
CHLORINATED ACID HERBICIDES			Method:	EPA-515.1-Rev			Analyst: mn		
Pentachlorophenol Internal Quality Control Compounds	ND		0		mg/L	1	11/29/2012 2:38 PM	12606	
SS: DCAA	89.1		70-130		%REC	1	11/29/2012 2:38 PM	12606	
METALS BY ICP			Method;	EPA-SW6010E	3-Rev 2, Dec-96		Analyst: jmk		
Aluminum	ND	3.50	0.0174		mg/L	1	11/20/2012 9:28 PM	12541	
Arsenic	ND	0.0500	0.0200		mg/L	1	11/20/2012 9:28 PM	12541	
Barlum	ND	2.00	0.00500		mg/L	1	11/20/2012 9:28 PM	12541	
Beryllium	ND	0.00400	0.00250	•	mg/L	1	11/20/2012 9:28 PM	12541	
Cadmium	. ND	0.00500	0.00100		mg/L	1	11/21/2012 11:28 AM	12541	
Catcium	0.0300		0.0151	j	mg/L	1	11/20/2012 9:28 PM	12541	
Chromium	ND	0.100	0.00500		mg/L	1	11/20/2012 9:28 PM	12541	
Cobalt	ND	1.00	0.00909		mg/L	1	11/20/2012 9:28 PM	12541	
Copper	ND	0.650	0.00299		mg/L	1	11/20/2012 9:28 PM	12541	
Iron	ND	5.00	0.0117		mg/L	1	11/20/2012 9:28 PM	12541	
Magnesium	0.0255		0.0109	J	mg/L	1	11/20/2012 9:28 PM	12541	
Manganese	ND	0.150	0.00882		mg/L	1	11/20/2012 9:28 PM	12541	
Nickel	ND	0.100	0.00400		mg/L	1	11/20/2012 9:28 PM	12541	
Potassium	0.0847		0.0400	J	mg/L	1	11/21/2012 11:28 AM	12541	
Selenium	ND	0.0500	0.0250		mg/L	1	11/20/2012 9:28 PM	12541	
Silver	ND	0.0500	0.00200		mg/L	1	11/20/2012 9:28 PM	12541	
Sodium	ND		0.100		mg/L	1	11/21/2012 2:53 PM	12541	
Vanadium	ND	0.0490	0.00259		mg/L	1	11/20/2012 9:28 PM	12541	
Zinc	ND	5.00	0.0150		mg/L	1	11/20/2012 9:28 PM	12541	
METALS BY ICPMS			Method	: SW846-SW60	20-Rev 0, Sep-	94	Analyst: dc		
Antimony	ND	0.00600	0.00060		mg/L	1	11/21/2012 7:35 PM	12542	
Lead	ND	0.00750	0.00010		mg/L	1	11/21/2012 3:43 PM	12542	
Thallium	ND	0.00200	0.00010		mg/L	1	11/21/2012 3:43 PM	12542	
ORGANOCHLORINE PESTICIDES			Method	: EPA-SW8081	A-Rev 1, Dec-9	6	Analyst: mn		
4,4*-DDD	ND	0.0140	0.000050		mg/L	1	11/26/2012 10:17 PM	1 12554	
4,4'-DDE	ND		0.000050		mg/L	1	11/26/2012 10:17 PM		
4,4'-DDT	ND	0.00600	0.000050		mg/L	1	11/26/2012 10:17 PN		

Suburban Laboratories, Inc. 4140 List Drive, Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: FLBLK

Lab ID: 1211870-011

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER Collection Date: 11/15/2012 12:36 PM

Parameter Result MCL ORGANOCHLORINE PESTICIDES Aldrin ND 0.0140 alpha-BHC ND 0.000110 alpha-Chlordane ND beta-BHC ND Chlordane ND 0.00200 delta-BHC ND Dieldrin ND 0.00900	Method: El 0.000025 0.000025 0.000025 0.000025 0.000025	Qual.	Units Rev 1, Dec-96 mg/L	Dilution Factor	Date Analyzed	Batch ID
Aldrin ND 0.0140 alpha-BHC ND 0.000110 alpha-Chlordane ND ND beta-BHC ND 0.00200 delta-BHC ND ND	0.000025 0.000025 0.000025 0.000025	PA-SW8081A-I			Analysts	
alpha-BHC ND 0.000110 alpha-Chlordane ND beta-BHC ND Chlordane ND 0.00200 delta-BHC ND	0.000025 0.000025 0.000025		mg/L		Analyst: mn	
alpha-Chlordane ND beta-BHC ND Chlordane ND 0.00200 delta-BHC ND	0.000025 0.000025			1	11/26/2012 10:17 PM	12554
beta-BHC ND Chlordane ND 0.00200 detta-BHC ND	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
Chlordane ND 0.00200 detta-BHC ND			mg/L	1	11/26/2012 10:17 PM	12554
delta-BHC ND	0.000400		mg/L	1	11/26/2012 10:17 PM	12554
	0.000100		mg/L	1	11/26/2012 10:17 PM	12554
Dieldrin ND 0.00900	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
Endosulfan I ND	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
Endosulfan II ND	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
Endosulfan sulfate ND	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
Endrin ND 0.00200	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
Endrin aldehyde ND	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
Endrin ketone ND	0.000050		mg/L	1	11/26/2012 10:17 PM	12554
gamma-BHC ND 0.000200	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
gamma-Chlordane ND	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
Heptachlor ND 0.000400	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
Heptachlor epoxide ND 0.000200	0.000025		mg/L	1	11/26/2012 10:17 PM	12554
Methoxychlor ND 0.0400	0.000250		mg/L	1	11/26/2012 10:17 PM	12554
Internal Quality Control Compounds						
SS: Tetrachloro-m-xylene 69.7	31-143		%REC	1	11/26/2012 10:17 PM	12554
PCBS	Method: E	PA-SW8082-R	ev 0, Dec-96		Analyst: dp	
Arocior 1016 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Aroclor 1221 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Aroclor 1232 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Aroclor 1242 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Araclor 1248 ND 0.000500	D.000100		mg/L	1	11/20/2012 5:14 PM	12555
Aroclor 1254 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Aroclor 1260 ND 0.000500	0.000100		mg/L	1	11/20/2012 5:14 PM	12555
Internal Quality Control Compounds						
SS: Tetrachloro-m-xylene 75.0	40.4-143		%REC	1	11/20/2012 5:14 PM	12555
VOLATILE ORGANIC COMPOUNDS	Method: E	PA-SW8280B	-Rev 2, Dec-99	1	Analyst: Is	
1,1,1-Trichloroethane ND 0.200	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,1,2,2-Tetrachloroethane ND 0.420	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,1,2-Trichloroethane ND 0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,1-Dichloroethane ND 0,700	0,000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,1-Dichloroethene ND 0.00700	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,2-Dichloroethane ND 0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
1,2-Dichloropropane ND 0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
2-Butanone ND 0.420	0.00200		mg/L	1	11/28/2012 5:51 PM	R29445



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: FLBLK

Lab ID: 1211870-011

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER

Cab 1D: 1211070-011	Date	Received:	11/10/2012 2	2:35 PM	Collection Date: 11/15/2012 12:36 PM			
Parameter	D 14	MC	Report		.	Dilution	_	
rarameter	Result	MCL	Limit	Qual.	Units	Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS			Method:	: EPA-SW8260B	Rev 2, Dec-96		Analyst: ts	
2-Hexanone	ND		0.00500		mg/L	1	11/28/2012 5:51 PM	R29445
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/28/2012 5:51 PM	R29445
Acetone	ND	6.30	0.00500		mg/L	1	11/28/2012 5:51 PM	R29445
Benzene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Bromoform	ND	0.00100	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/28/2012 5:51 PM	
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1		R29445
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Chloroethane	ND		0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Chloroform	0.000830	0.000200	0.000200	J*	mg/L	1	11/28/2012 5:51 PM	R29445
Chloromethane	ND		0.000200	·	mg/L	1	11/28/2012 5:51 PM	R29445
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
cis-1,3-Dichloropropene	ND	0.00500	0.000200		-		11/28/2012 5:51 PM	R29445
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
m,p-Xylene	ND	0.700	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Methyl tert-butyl ether	ND	0.0700	0.00200		mg/L	1	11/28/2012 5:51 PM	R29445
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/28/2012 5:51 PM	R29445
o-Xylene	ND	0.00000	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Tolai Xylenes	ND	10.0	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Styrene	ND	0.100	0.00200		mg/L	1	11/28/2012 5:51 PM	R29445
Telrachioroethene	ND	0.00500	0.000200 0.00020D		mg/L	1	11/28/2012 5:51 PM	R29445
Toluene	0.000310	1.00	0.000200	,	mg/L	1	11/28/2012 5:51 PM	R29445
trans-1,2-Dichloroethene	0.000310 ND	0.100		J	mg/L	1	11/28/2012 5:51 PM	R29445
trans-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Trichloroethene			0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Vinyl chloride	ND	0.00500	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
	ND	0.00200	0.000200		mg/L	1	11/28/2012 5:51 PM	R29445
Internal Quality Control Compounds SS: 4-Bromofluorobenzene								
	100		67.9-119		%REC	1	11/28/2012 5:51 PM	R29445
SS: Dibromofluoromethane	104		62.3-122		%REC	1	11/28/2012 5:51 PM	R29445
SS: Toluene-d8	95.4		68.2-119		%REC	1	11/28/2012 5:51 PM	R29445
EMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
1,2,4-Trichlorobenzene	ND	0.070	0.010		mg/L	1	11/19/2012 9:20 PM	4050
1,2-Dichlorobenzene	ND	0.600	0.010		mg/L	1	11/19/2012 9:20 PM	12524
1,3-Dichlorobenzene	ND		0.010		mg/L	1		12524
1,4-Dichlorobenzene	ND	0.075	0.010		mg/L		11/19/2012 9:20 PM	12524
2,4,5-Trichlorophenol	ND	0.700	0.010		•	1	11/19/2012 9:20 PM	12524
2,4,6-Trichlorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 9:20 PM	12524
· · · · · · · · · · · · · · · · · · ·	140	0.010	3.040		mg/L	1	11/19/2012 9:20 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: FLBLK

Lab ID: 1211870-011

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER
Collection Date: 11/15/2012 12:36 PM

			Report			Dilution		
Parameter	Result	MCL	Limit	Qual.	Units		Date Analyzed	Batch ID
	_							
SEMIVOLATILE ORGANICS (BNAS)			Method:	EPA-8270C-Rev	3, Dec-96		Analyst: Is	
2,4-Dichlorophenol	МÐ	0.021	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2,4-Dimethylphenot	ND	0.140	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2,4-Dinitrophenol	ND	14.0	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2,4-Dinitrotoluene	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
2-Chloronaphthalene	ND	0.560	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2-Chlorophenol	ND	0.035	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2-Methylnaphthalene	ND	0.028	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 9:20 PM	12524
2-Nitrophenoi	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
3,3-Dichlorobenzidine	ND	0.020	0.010		mg/L	1	11/19/2012 9:20 PM	12524
3-Nitroaniline	ND	0.002	0.010		mg/L	1	11/19/2012 9:20 PM	12524
4,6-Dinitro-2-methylphenol	ND		0.010		mg/L	1	11/19/2012 9;20 PM	12524
4-Bromophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
4-Chloro-3-methy!phenol	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
4-Chloroaniline	ND	0.028	0.010		mg/L	1	11/19/2012 9:20 PM	12524
4-Chlorophenyl phenyl ether	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
4-Nitroaniline	ND	0.021	0.010		mg/L	1	11/19/2012 9:20 PM	12524
4-Nitrophenol	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Bis(2-chloroethyl)ether	ND	0.010	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Bis(2-ethylhexyl)phthalate	ND	0.006	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Butyl benzyl phthalate	ND	1.40	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Carbazole	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Dibenzofuran	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Diethyl phthalate	ИD	5.60	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Dimethyl phthalate	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Di-n-butyl phthalate	ND	0.700	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Di-n-octyl phthalate	ИD	0.140	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Hexachlorobenzene	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Hexachlorobutadiene	ND	0.007	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Hexachlorocyclopentadiene	ND	0.050	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Hexachloroethane	ND	0.007	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Isophorone	ND	1.40	0.010		mg/L	1	11/19/2012 9:20 PM	12524
m,p-Cresol	ND		0.010		mg/L	1	11/19/2012 9:20 PM	12524
Nitrobenzene	ND	0.004	0.010		mg/L	1	11/19/2012 9:20 PM	12524
N-Nitroso-di-n-propylamine	ND	0.002	0.010		mg/L	1	11/19/2012 9:20 PM	12524
N-Nitrosodiphenylamine	ND	0.003	0.010		mg/L	1	11/19/2012 9:20 PM	12524
o-Cresol	ND	0.350	0.010		mg/L	1		
Pentachiorophenol	ND	0.010	0.010		mg/L	1	11/19/2012 9:20 PM	12524
Phenol	ND	0.100	0.010		•		11/19/2012 9:20 PM	12524
Internal Quality Control Compounds	140	0.100	3.010		mg/L	1	11/19/2012 9:20 PM	12524
SS: 2,4,6-Tribromophenol	76.0		36.6-133		W D E O	_	444000400	
SS: 2-Fluorobiphenyl	70.0		26.8-113		%REC	1	11/19/2012 9:20 PM	12524
			20,0-113		%REC	1	11/19/2012 9:20 PM	12524



Client ID: Anderson Environmental Consulting, Inc.

Report Date: December 10, 2012

Project Name: LYN

Workorder: 1211870

Client Sample ID: FLBLK

Lab ID: 1211870-011

Date Received: 11/16/2012 2:35 PM

Matrix: GROUNDWATER
Collection Date: 11/15/2012 12:36 PM

Report Dilution MCL Limit Parameter Result Qual. Units Factor Date Analyzed Batch ID SEMIVOLATILE ORGANICS (BNAS) Method: EPA-8270C-Rev 3, Dec-96 Analyst: is SS: 2-Fluorophenol 0.1-110 %RFC 52.8 1 11/19/2012 9:20 PM 12524 SS: 4-Terphenyl-d14 73.3 31.3-152 %REC 1 11/19/2012 9:20 PM 12524 SS: Nitrobenzene-d5 %REC 67.8 13.8-115 11/19/2012 9:20 PM 12524 SS: Phenol-d6 32.7 1.14-110 %REC 11/19/2012 9:20 PM 12524 SEMIVOLATILE ORGANICS, BY GCMS SIM Method: EPA-8270C-Rev 3, Dec-96 Analyst: is ND 0.420 0.000100 Acenaphthene mg/L 11/21/2012 4:06 PM 12527 Acenaphthylene ND 0.210 0.000100 mg/L 11/21/2012 4:06 PM 12527 NΠ 0.000100 Anthracene 2.10 mg/L 11/21/2012 4:06 PM 12527 Benzo(a)anthracene ND 0.000130 0.000100 mg/L 11/21/2012 4:06 PM 12527 ND 0.000200 0.000100 Benzo(a)pyrene mg/L 11/21/2012 4:06 PM 12527 Benzo(b)fluoranthene ND 0.000180 0.000100 mg/L 11/21/2012 4:06 PM 12527 Benzo(g,h,i)perylene ND 0.210 0.000100 mg/L 11/21/2012 4:06 PM 12527 Benzo(k)fluoranthene ND 0.000170 0.000100 mg/L 11/21/2012 4:06 PM 12527 Chrysene ND 0.00150 0.000100 mg/L 11/21/2012 4:06 PM 12527 Dibenzo(a,h)anthracene ND 0.000300 0.000100 mg/L 11/21/2012 4:06 PM 12527 Fluoranthene ND 0.280 0.000100 mg/L 11/21/2012 4:06 PM 12527 Fluorene ND 0.280 0.000100 mg/L 11/21/2012 4:06 PM 12527 Indeno(1,2,3-cd)pyrene ND 0.000430 0.000100 ma/L 11/21/2012 4:06 PM 12527 Naphthalene ND 0.140 0.000100 mg/L 11/21/2012 4:06 PM 12527 Phenanthrene ND 0.210 0.000100 ma/L 11/21/2012 4:06 PM 12527 Pyrene 0.210 0.000100 ND mg/L 11/21/2012 4:06 PM 12527 Internal Quality Control Compounds SS: 2-Fluorobiphenyl 90.4 26.8-113 %REC 11/21/2012 4:06 PM 1 12527 SS: 4-Terphenyl-d14 91.0 31.3-152 %REC 11/21/2012 4:08 PM 12527 SS: Nitrobenzene-d5 90.5 13.8-115 %REC 11/21/2012 4:06 PM 12527 CYANIDE, TOTAL Method: EPA-SW9010B/9014-Rev 0, Dec-96 Analyst: LAP Cyanide ND 0.20 0.010 mg/L 11/26/2012 10:37 AM R29321 MERCURY BY CVAA Method: EPA-SW7470A-Rev 1, Sep-94 Analyst: jmk ND Mercury 0.0002 mg/L 11/20/2012 2:23 PM 12530



Client 1D: Anderson Environmental Consulting, Inc.

Project Name: LYN

Report Date: December 10, 2012

Workorder: 1211870

Client Sample ID: TRIP BLANK

Lab ID: 1211870-013

Date Received: 11/16/2012 2:35 PM

Matrix: DEIONIZED WATER

Collection Date: 11/16/2012 12:00 AM

Parameter	Result	MCI	Report Limit	Oual.	Units	Dilution Factor	Date Analyzed	Batch ID
T at attects	Kesuit	WCD	Little	Quai.	Ollits	Pacion	Date Analyzed	Batch 1D
VOLATILE ORGANIC COMPOUNDS			Method: E	PA-SW8260B-	Rev 2, Dec-96		Analyst: Is	
1,1,1-Trichloroethane	ND	0.200	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,1,2,2-Tetrachloroethane	ND	0.420	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,1,2-Trichloroethane	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,1-Dichloroethane	ND	0.700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,1-Dichloroethene	ND	0.00700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,2-Dichloroethane	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
1,2-Dichloropropane	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
2-Butanone	ND	0.420	0.00200		mg/L	1	11/28/2012 3:12 PM	R29445
2-Hexanone	ND		0.00500		mg/L	1	11/28/2012 3:12 PM	R29445
4-Methyl-2-pentanone	ND		0.00500		mg/L	1	11/28/2012 3:12 PM	R29445
Acetone	ND	6.30	0.00500		mg/L	1	11/28/2012 3:12 PM	R29445
Benzene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Bromodichloromethane	ND	0.000200	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Bromoform	ND	0.00100	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Bromomethane	ND	0.00980	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Carbon disulfide	ND	0.700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Carbon tetrachloride	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Chlorobenzene	ND	0.100	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Chloroethane	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Chloroform	ND	0.000200	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Chloromethane	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
cis-1,2-Dichloroethene	ND	0.0700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
cls-1,3-Dichloropropene	ND	0.00500	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Dibromochloromethane	ND	0.140	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Ethylbenzene	ND	0.700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
m,p-Xylene	ND		0.00200		mg/L	1	11/28/2012 3:12 PM	R29445
Methyl tert-butyl ether	ND	0.0700	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Methylene chloride	ND	0.00500	0.00100		mg/L	1	11/28/2012 3:12 PM	R29445
o-Xylene	ND	0.0000	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Total Xylenes	ND	10.0	0.00200		mg/L	1	11/28/2012 3:12 PM	R29445
Styrene	ND	0.100	0.00200		mg/L	1	11/28/2012 3:12 PM	R29445
Tetrachloroethene	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Toluene	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
	ND					1		
trans-1,2-Dichloroethene		•	0.000200		mg/L	-	11/28/2012 3:12 PM	R29445
trans-1,3-Dichloropropene	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Trichloroethene	ND		0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Vinyl chloride	ND	0.00200	0.000200		mg/L	1	11/28/2012 3:12 PM	R29445
Internal Quality Control Compounds								
SS: 4-Bromofluorobenzene	95.0		67.9-119		%REC	1	11/28/2012 3:12 PM	
SS: Dibromofluoromethane	100		62.3-122		%REC	1	11/28/2012 3:12 PM	
SS: Toluene-d8	98.4	,	68.2-119		%REC	1	11/28/2012 3:12 PM	R29445



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, 1L 60162 (708) 544-3260

PREP DATES REPORT

Client: Project: Anderson Environmental Consulting, Inc.

roject: LYN

Report Date: December 10, 2012

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1211870-001B	11/15/2012 12:03:00	12528	515PR	AQPREP: Herbs		11/19/2012
	·	12574	508PR	AQPREP: Pesis		11/21/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB	,	11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pesi		11/20/2012
1211870-001C		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
211870-002B	11/15/2012 10:37:00	12528	515PR	AQPREP: Herbs		11/19/2012
		12574	508PR	AQPREP: Pests		11/21/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012
211870-002C		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS, ICP		11/19 <i>/</i> 2012
244870 0000	44.45.4004.0.05.00.4	12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
211870-003B	11/15/2012 9:25:00 A	12528	515PR	AQPREP: Herbs		11/19/2012
		12574	508PR	AQPREP: Pests		11/21/2012
•		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
•		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012
211870-003C		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12541		AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
211870-004B	11/14/2012 1:58:00 P		515PR	AQPREP: Herbs		11/19/2012 :
		12574	508PR	AQPREP: Pests		11/21/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012



Suburban Laboratories, Inc.

4140 Litt Drive, Hillside, IL 60162 (708) 544-3260

PREP DATES REPORT

Client:

Anderson Environmental Consulting, Inc.

Project: LYN

Report Date: December 10, 2012

			DAD Older. 1211070					
Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date		
1211870-004B	11/14/2012 1:58:00 P	12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012		
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012		
1211870-004C		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012		
1211870-005B	11/14/2012 2:45:00 P	12528	515PR	AQPREP: Herbs		11/19/2012		
		12574	508PR	AQPREP: Pests		11/21/2012		
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012		
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17 /2012		
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012		
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012		
1211870-005C		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
1011070 0000		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012		
1211870-006B	11/14/2012 1:00:00 P	12528	515PR	AQPREP: Herbs		11/19/2012		
		12574		AQPREP: Pests		11/21/2012		
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012		
		12527	3510SIM_B	AQUEOUS PRÉP SÉP FUNNEL: BNA		11/19/2012		
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012		
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012		
1211870-006C		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012		
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012		
1211870-007B	11/14/2012 9:55:00 A	12606		AQPRÉP: Herbs		11/26/2012		
		12574		AQPREP: Pests		11/21/2012		
			3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012		
	•	12527	-	AQUEOUS PREP SEP FUNNEL: BNA		11/19 /2 012		
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012		
		12554	3510_P ·	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012		
1211870-007C		12542	200.2_ICPMS_W	AQUÉOUS PREP TOTAL METALS: ICP		11/19/2012		



Suburban Laboratories, Inc.

4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

PREP DATES REPORT

Client:

Anderson Environmental Consulting, Inc.

Project: LYN

Report Date: December 10, 2012

Sample 1D	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1211870-007C	11/14/2012 9:55:00 A	12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
1211870-008B	11/14/2012 8:45:00 A	12606	515PR	AQPREP: Herbs		11/26/2012
		12574	508PR	AQPREP: Pests		11/21/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012
1211870-008C		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
1211870-009B	11/14/2012 10:43:00	12606	515PR	AQPREP: Herbs		11/26/2012
		12574	508PR	AQPREP: Pests		11/21/2012
		12527	3510SIM_B	AQUEQUS PREP SEP FUNNEL: BNA		11/19/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12555 12554	3510_PCB 3510_P	AQUEOUS PREP SEP FUNNEL: PCB AQUEOUS PREP SEP		11/20/2012
1211870-009C		12541	200.2_ICPW_PR	FUNNEL: Pest AQUEOUS PREP TOTAL		11/20/2012
		12542	200.2_ICPMS_W	METALS: ICP AQUEOUS PREP TOTAL		11/19/2012
		12530	HG_WPR	METALS: ICP MERCURY PREP for		11/19/2012
1211870-010B	11/14/2012 8:25:00 A	12606	515PR	AQUEOUS AQPREP: Herbs		
1211010-0105	11/14/2012 0.23.00 A	12574	508PR	AQPREP: Pests		11/26/2012
		12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/21/2012 11/17/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB		11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012
1211870-010C		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012
1211870-011B	11/15/2012 12:36:00	12606	515PR	AQPREP: Herbs		11/26/2012
		12574	508PR	AQPREP: Pests		11/21/2012



Suburban Laboratories, Inc.

4140 Lin Drive, Hillside, IL 60162 (708) 544-3260

PREP DATES REPORT

Client: Project: Anderson Environmental Consulting, Inc.

LYN

Report Date: December 10, 2012

Sample ID	Collection Date	Batch ID	Prep Method	Prep Test Name	TCLP Date	Prep Date
1211870-011B	11/15/2012 12:36:00	12524	3510_B	AQUEOUS PREP SEP FUNNEL: BNA		11/17/2012
		12527	3510SIM_B	AQUEOUS PREP SEP FUNNEL: BNA		11/19/2012
		12555	3510_PCB	AQUEOUS PREP SEP FUNNEL: PCB	•	11/20/2012
		12554	3510_P	AQUEOUS PREP SEP FUNNEL: Pest		11/20/2012
1211870-011C		12542	200.2_ICPMS_W	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12541	200.2_ICPW_PR	AQUEOUS PREP TOTAL METALS: ICP		11/19/2012
		12530	HG_WPR	MERCURY PREP for AQUEOUS		11/19/2012



Qualifier Definitions

WO#: 1211870 Date: 12/10/2012

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
В	Analyte detected in the associated Method Blank
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
Н	Holding times for preparation or analysis exceeded
	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
Ρ .	Present
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits

IEPA LAB RESULTS B



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

Client Sample ID:

MW-8

Lab Sample ID: Date/Time Collected: SK20676-01

Matrix:

Water

Collected By: CH

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method: Units:

8081/8082

ug/L

Prepared:

11/19/12 11:04

Analyzed:

11/28/12 06:25

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND	J1	0.050	
beta-BHC ·	ND	J1	0.050	
delta-BHC	ND	J1	0.050	
gamma-BHC	ND	Jl	0.050	
Heptachlor	ND	J1	. 0.050	
Aldrin	ND	J1	0.050	
Heptachlor epoxide	ND	Jì	0.050	
Endosulfan I	ND	ונ	0.050	
Dieldrin	ND	ונ	0.10	
p,p'-DDE	ND	Jì	0.10	
Endrin	ND	J1	0.10	
Endosulfan II	ИD	J1	0.10	
p,p'-DDD	ND	J1	0.10	
Endosulfan sulfate	ND	. 11	0.10	
p,p'-DDT	ИD	11	0.10	
Methoxychlor	ND	J1	1.0	
Endrin ketone	ND	Jì	0.10	
Endrin aldehyde	ND	J1	0.10	
alpha-Chlordane	ND	. J1	0.050	
gamma-Chlordane	ND	. 11	0.050	
Toxaphene	ND	Jì	3.0	
Aroclor 1016	ND	ונ	0.50	
Aroclor 1221	ND	л	0.50	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

LP43 402

Temperature C:

5.00

Client Sample ID:

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 06:25

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aroclor 1232	ND	JI	0.50	
Aroclor 1242	ND	11	0.50	
Aroclor 1248	ND	JI	0.50	
Aroclor 1254	ND	J1	0.50	
Aroclor 1260	ND	J1	0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 11:20

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	25		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

1/10/12

Trip ID:

LP43 402

Temperature C:

5.00

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 11/28/12 10:00

 Units:
 ug/L
 Analyzed:
 11/28/12 11:20

Analyte	Result	Qualifier_	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
, ,				
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND .		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	•
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

1/10/12

Trip ID:

Temperature C:

5.00

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 11:20

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/14/12 14:33

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND	J3	1.5	
2-Picoline	ND	J3	1.5	
Methyl methanesulfonate	ND	J3	1.5	
Ethyl methanesulfonate	ND	13	1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

11/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/14/12 14:33

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	2.0	•	1.5	
Bis(2-chloroethyl)ether	ND	J3	1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND	Ј3	1.5	
1,4-Dichlorobenzene	ND	13	1.5	
1,2-Dichlorobenzene	ND	J3	1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND	13	1.5	
Acetophenone	ND	J3	1.5	
4-Methylphenol	100	J3	1.5	
N-Nitrosodi-n-propylamine	ND	J3	1.5	
Hexachloroethane	ND	J3	1.5	
Nitrobenzene	ND	J3	1.5	
N-Nitrosopiperidine	ND	J3	1.5	
Isophorone	ND	J3	1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND	13	1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND	J3	1.5	
Naphthalene	9.9	J3	1.5	
4-Chloroaniline	ND	13	1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

.....

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Units:

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/14/12 14:33

			-	
Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND	J3	1.5	
Hexachlorobutadiene	ND	J3, J5	1.5	
N-Nitrosodi-n-butylamine	ND	J3	1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND	J3	1.5	•
2-Methylnaphthalene	3.0	J3	1.5	
1,2,4,5-Tetrachlorobenzene	ND	J3	1.5	
Hexachlorocyclopentadiene	ND	J5 ·	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1,5	
Safrole	ND	13	1.5	
2-Chloronaphthalene	ND	13	1.5	
1-Chloronaphthalene	ND	J3	1.5	
2-Nitroaniline	ND	13	1.5	
1,4-Dinitrobenzene	ND	13	1.5	
Dimethylphthalate	ND	J3	1.5	
1,3-Dinitrobenzene *	ND	J3	1.5	
2,6-Dinitrotoluene	ND	Ј3	1.5	
Acenaphthylene	ND .	J3	1.5	
1,2-Dinitrobenzene	ND .	J3	1.5	
3-Nitroaniline	ND `	13	41.5	
Acenaphthene	6.9	13	1.5	
2,4-Dinitrophenol	ND ·		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

LP43 402

Trip ID:

Client Sample ID: Matrix:

Funding Code:

Water

Sample Type:

MW-8

Collected By: CH

Sample Depth:

Date Received:

11/16/12

Visit Number:

Temperature C:

Date/Time Collected:

Lab Sample ID:

5.00

SK20676-01

11/14/12 8:45

Total Depth:

0

Semivolatiles by GC/MS

Method: Units:

8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/14/12 14:33

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	6.4	J3	1.5	
2,4-Dinitrotoluene	ND	J3	1.5	
Pentachlorobenzene	ND	J3	1.5	
I-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	. ND		1.5	
4-Chlorophenyl phenyl ether	ND	13	1.5	
Fluorene	11	13	1.5	
4-Nitroaniline	ND	J3	1.5	
4,6-Dinitro-2-methylphenol	ND	J3	1.5	
Diphenylamine	ND	J3	1.5	
Azobenzene *	ND	J3	1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	,
Hexachlorobenzene	ND	J3	1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND	J3	1.5	
Phenanthrene	56	J3	1.5	
Anthracene	16	J3	1.5	
Carbazole	12	13	1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/14/12 14:33

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND	J3	1.5	
Fluoranthene	51	J3	1.5	
Pyrene	74	J 3	1.5	
p-Dimethylaminoazobenzene	ND	J3	1.5	
Butyl benzyl phthalate	7.5	J3	1.5	
3,3-Dichlorobenzidine	ND	J3	1.5	
Benzo(a)anthracene	29	J3	1.5	
Chrysene	30	J3	1.5	
Bis(2-ethylhexyl)phthalate	23	J3	1.5	
Mestranol	ND	J2, J3	1.5	
Di-n-octylphthalate	ND	J2, J3	1.5	
Benzo(b)fluoranthene	31	J2, J3	1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J2, J3, J5	1.5	
Benzo(k)fluoranthene	32	J2, J3	1.5	
Benzo(a)pyrene	27	J2, J3	1.5	
Indeno(1,2,3-cd)pyrene	7.6	J2, J3	1.5	
Dibenzo(a,h)anthracene	2.4	J2, J3	1.5	
Benzo(ghi)perylene	4.9	J2, J3	1.5	



Illinois Environmental Protection Agency Laboratory

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LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Funding Code:

Trip ID:

Matrix:

Sample Type:

LP43 402

Client Sample ID:

Water

MW-8

Collected By: CH

Sample Depth:

Lab Sample ID:

Total Depth:

Date Received:

Visit Number:

Temperature C:

SK20676-01

11/16/12

5.00

0

Date/Time Collected:

11/14/12 8:45

Mercury by EPA Method 245.1

Method: Units:

245.1

ug/L

Prepared:

12/10/12 09:23

Analyzed:

12/10/12 14:27

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

Units:

6010

ug/L

Prepared:

11/30/12 09:19

Analyzed:

12/06/12 10:05

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	1470		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND	B2	10.0	
Barium	906		5.00	
Beryllium	. ND		1.00	
Boron	3600	Bl	10.0	,
Cadmium	ND	B2	3.00	
Calcium	156000		300	100000
Chromium	10.6		5.00	
Cobalt	ND		10.0	
Copper	18.0	B2	10.0	
Iron	8460		50.0	40000
Lead	40.8	Bl	5.00	
Magnesium	424000	•	300	100000
Manganese	353	J3	15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

Client Sample ID:

MW-8

Lab Sample ID:

SK20676-01

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 8:45

Sample Type:

Sample Depth:

Total Depth:

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:05

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	12.4		5.00	
Potassium	64200		1400	100000
Selenium *	ND	BI	10.0	
Silver	ND		3.00	
Sodium	583000		300	
Strontium	2170		5.00	
Thallium	ND .		10.0	
Vanadium	ND		5.00	
Zine	69.7		25.0	
Hardness	2140000		1980	



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J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

Lab Sample ID:

5.00

Client Sample ID:

MW-7

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Units:

ug/L

Prepared:

11/19/12 11:04

Analyzed:

11/27/12 19:15

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND		0.050	
beta-BHC	ND		0.050	
delta-BHC	ND		0.050	
gamma-BHC	ND		0.050	
Heptachlor	ND		0.050	
Aldrin	ND		0.050	
Heptachlor epoxide	ND		0.050	•
Endosulfan I	ND		0.050	
Dieldrin	ND		0.10	
p,p'-DDE	ND		0.10	
Endrin	ND		0.10	
Endosulfan II	ND		0.10	
p,p'-DDD	ND		0.10	
Endosulfan sulfate	ND		0.10	
p,p'-DDT	ND		0.10	,
Methoxychlor	ND		1.0	
Endrin ketone	ND		0.10	
Endrin aldehyde	ND		0.10	
alpha-Chlordane	ND		0.050	
gamma-Chlordane	ND		0.050	
Toxaphene	ND		3.0	
Aroclor 1016	ND		0.50	
Aroclor 1221	ND		0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

Client Sample ID:

0311685021

Date Received:

11/16/12

Funding Code:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 19:15

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Aroclor 1232	ND		0.50	
Aroclor 1242	ND		0.50	
Aroclor 1248	ND		0.50	
Aroclor 1254	ND		0.50	
Aroclor 1260	ND		0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 11:54

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND	•	2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND	•	. 2.0	
Trichlorofluoromethane	ND	•	2.0	
Acetone	ND		10	•
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

., _

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 11:54

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	•
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

. 11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 11:54

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 13:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 13:58

Units:

ug/L

Analyzed:

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 13:58

Analyte	Result	<u>Oualifier</u>	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	-
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		. 1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021 Date Received: 11/16/12

Funding Code: LP43 402 Visit Number:

Trip ID: Temperature C: 5.00

Client Sample ID: MW-7 Lab Sample ID: SK20676-02

Matrix: Water Collected By: CH Date/Time Collected: 11/14/12 9:55

Sample Type: Sample Depth: Total Depth: 0

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 11/21/12 09:37

 Units:
 ug/L
 Analyzed:
 12/13/12 13:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-TetrachlorophenoI	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5-	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

.

Trip ID:

Li 45 402

Temperature C:

5.00

Client Sample ID:

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 13:58

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

0

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:29

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:09

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	1510		60.0	40000
Antimony	ND		10.0	
Arsenic *	12.3	B2	10.0	
Barium	38.2		5.00	
Beryllium	ND		1.00	
Boron	1140	Bl	10.0	
Cadmium	ND	B2	3.00	
Calcium	331000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	22.9	. B2	10.0	
Iron	10200		50.0	40000
Lead	ND	BI	5.00	
Magnesium	140000		300	100000
Manganese	843		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

5.0C

Client Sample ID:

MW-7

Lab Sample ID:

SK20676-02

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 9:55

Sample Type:

Sample Depth:

Total Depth:

n

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:09

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	11.9		5.00	
Potassium	24400		1400	100000
Selenium *	ND	B1	10.0	
Silver	ND		3.00	•
Sodium	291000		300	
Strontium	1930		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	53.3		25.0	
Hardness	1410000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04 11/27/12 20:00

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier_	Reporting Limit	Regulatory Level
alpha-BHC	ND		0.050	
beta-BHC	ND		0.050	
delta-BHC	ND		0.050	
gamma-BHC	ND		0.050	
Heptachlor	ND		0.050	
Aldrin	ND		0.050	
Heptachlor epoxide	ND		0.050	
Endosulfan I	ND		0.050	
Dieldrin	ND		0.10	
p,p'-DDE	ND		0.10	
Endrin	ND		0.10	
Endosulfan II	ND		0.10	
p,p'-DDD	ND		0.10	
Endosulfan sulfate	ND		0.10	
p,p'-DDT	ND		0.10	
Methoxychlor .	ND		1.0	
Endrin ketone	ND		0.10	
Endrin aldehyde	ND		0.10	
alpha-Chlordane	ND		0.050	
gamma-Chlordane	ND		0.050	
Toxaphene	ND		3.0	
Aroclor 1016	ND		0.50	
Aroclor 1221	ND		0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

.Units:

ug/L

Analyzed:

11/27/12 20:00

Analyte	Result	Qualifier_	Reporting Limit	Regulatory Level
Aroclor 1232	ND		0.50	
Aroclor 1242	ND	·	0.50	
Aroclor 1248	ND		0.50	
Aroclor 1254	ND		0.50	
Aroclor 1260	ND		0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 15:50

Analvte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ИD		2.0	
Trichlorofluoromethane	ИD		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00 11/28/12 15:50

Units:

ug/L

Analyzed:

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND .		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	•
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	, ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	•
Trichloroethene -	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND	•	2.0	
1,1,2-Trichloroethane	ND		2.0 `	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

Client Sample ID:

MW-9

Collected By: CH

Lab Sample ID:

SK20676-03

Matrix:

Water

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 15:50

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 14:58

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.0C

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270 ug/L Prepared:

11/21/12 09:37

Analyzed:

12/13/12 14:58

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND	•	1.5 .	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND ,		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 14:58

Units:

ug/L ·

Analyzed:

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	Topic Control
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1,5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND			
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		1.5	
			5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021 Date Received: 11/16/12

Funding Code: LP43 402 Visit Number:

Trip ID: Temperature C: 5.00

Client Sample ID: MW-9 Lab Sample ID: SK20676-03

Matrix: Water Collected By: CH Date/Time Collected: 11/14/12 10:43

Sample Type: Sample Depth: Total Depth: 0

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 11/21/12 09:37

 Units:
 ug/L
 Analyzed:
 12/13/12 14:58

Analyte Result Qualifier Reporting Limit Regulatory Leve

4-Nitrophenol ND 1.5 Dibenzofuran ND 1.5 2,4-Dinitrotoluene ND 1.5 Pentachlorobenzene ND 1.5 1-Naphthylamine ND 1.5 2-Naphthylamine ND 1.5 2,3,4,6-Tetrachlorophenol ND 1.5 Diethylphthalate ND 1.5	Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
2,4-DinitrotolueneND1.5PentachlorobenzeneND1.51-NaphthylamineND1.52-NaphthylamineND1.52,3,4,6-TetrachlorophenolND1.5	4-Nitrophenol	ND		1.5	
PentachlorobenzeneND1.51-NaphthylamineND1.52-NaphthylamineND1.52,3,4,6-TetrachlorophenolND1.5	Dibenzofuran	ND		1.5	
1-Naphthylamine ND 1.5 2-Naphthylamine ND 1.5 2,3,4,6-Tetrachlorophenol ND 1.5	2,4-Dinitrotoluene	ND		1.5	
2-Naphthylamine ND 1.5 2,3,4,6-Tetrachlorophenol ND 1.5	Pentachlorobenzene	ND		1.5	
2,3,4,6-Tetrachlorophenol ND 1.5	1-Naphthylamine	ND		1.5	
, , , , , , , , , , , , , , , , , , , ,	2-Naphthylamine	ND		1.5	
Diethylphthalate ND 1.5	2,3,4,6-Tetrachlorophenol	ND		1.5	
promjiphumino 110	Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether ND . 1.5	4-Chlorophenyl phenyl ether	ND			
Fluorene ND 1.5	Fluorene	ND			
4-Nitroaniline ND 1.5	4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol ND 1.5	4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine ND 1.5		ND		1.5	
Azobenzene * ND 1.5	Azobenzene *	ND		1.5	
Phenacetin ND 1.5	Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether ND 1.5	4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene ND 1.5	Hexachlorobenzene	ND		1.5	
Pentachlorophenol ND 1.5	Pentachlorophenol	ND		1.5	
Pronamide ND 1.5	Pronamide	ND		1.5	
Pentachloronitrobenzene ND 1.5	Pentachloronitrobenzene	ND		1.5	
Phenanthrene ND 1.5	Phenanthrene	ND		1.5	
Anthracene ND 1.5		ND		1.5	
Carbazole ND 1.5	Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 14:58

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ИĎ		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Trip ID:

Matrix:

Funding Code:

LP43 402

Client Sample ID:

Sample Type:

MW-9 Water

Collected By: CH

Sample Depth:

Lab Sample ID:

Total Depth:

Date Received:

Visit Number:

Temperature C:

Date/Time Collected:

SK20676-03

11/14/12 10:43

0

11/16/12

5.00

Mercury by EPA Method 245.1

Method: Units:

245.1

ug/L

Prepared:

12/10/12 09:23

Analyzed:

12/10/12 14:31

<u>Analyte</u>

Qualifier

Reporting Limit

Regulatory Level

Mercury

Result ND

0.06

Metals by EPA 6000/7000 Series Methods

Method: Units:

6010

ug/L

Prepared:

11/30/12 09:19

Analyzed:

12/06/12 10:12

Analyte	Result	Qualifier_	Reporting Limit	Regulatory Level
Aluminum	419		60.0	40000
Antimony	ND		10.0	
Arsenic *	25.6	B2	10.0	
Barium	33.8		5.00	
Beryllium	ND		1.00	
Boron	443	ВІ	10.0	
Cadmium	ND	B2	3.00	
Calcium	271000		300	100000
Chromium	ND		5.00	
Cobalt	ND		. 10.0	
Copper	12.4	B2	10.0	
Iron	12600		50.0	40000
Lead	ND	B1	5.00	
Magnesium	143000		300	100000
Manganese	478		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-9

Lab Sample ID:

SK20676-03

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 10:43

Sample Type:

Sample Depth:

Total Depth:

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:12

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	5.74		5.00	
Potassium	9470		1400	100000
Selenium *	ND	BI	10.0	
Silver	ND		3.00	
Sodium	432000		300	
Strontium	3080		5.00	
Thallium	ND	•	10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	1260000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Funding Code:

Trip ID:

Matrix:

LP43 402

Client Sample ID:

Sample Type:

MW-6

Collected By: CH

Water

Sample Depth:

Date Received:

11/16/12

Visit Number:

Temperature C:

Date/Time Collected:

Lab Sample ID:

Total Depth:

5.0C

SK20676-04

11/14/12 13:00

0

Pesticides/PCBs by ECD

Method:

8081/8082

Units:

ug/L

Prepared: Analyzed: 11/19/12 11:04

11/27/12 20:44

Analyte Qualifier Regulatory Level Result Reporting Limit alpha-BHC IJ ND 0.050 beta-BHC ND J1 0.050 delta-BHC ND Jì 0.050 gamma-BHC ND JΙ 0.050 Heptachlor ND J1 0.050 Aldrin ИD П 0.050 Heptachlor epoxide ND J1 0.050 Endosulfan I ND J1 0.050 Dieldrin ND Jl 0.10 p,p'-DDE ND J1 0.10 Endrin JΙ 0.10 ND Endosulfan II ND JΙ. 0.10 p,p'-DDD Ji 0.10 ND Endosulfan sulfate ND J1 0.10 p,p'-DDT ND Jl 0.10 Methoxychlor J1 1.0 ND Endrin ketone ND J١ 0.10 Endrin aldehyde ΝD J1 0.10 ИD IJ 0.050 alpha-Chlordane 0.050 ND J1 gamma-Chlordane 3.0 Toxaphene ND J1 0.50 Aroclor 1016 ND IJ Aroclor 1221 ND J1 0.50

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 20:44

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Aroclor 1232	ND	11	0.50	
Aroclor 1242	ND	JI	0.50	
Aroclor 1248	ND	и .	0.50	
Aroclor 1254	ND	Jl	0.50	
Aroclor 1260	ND	J1	0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:09

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	. ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:09

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0 .	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND	•	2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	•

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

.....

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:09

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		. 2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 15:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND	J1	1.5	
2-Picoline	ND	J1	1.5	
Methyl methanesulfonate	ND	11	1.5	
Ethyl methanesulfonate	ND	Jl	1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

....

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

n

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 15:58

Analyte	Result	Qualifier	Reporting Limit	. Regulatory Level
Phenol	ND	Jl	1.5	
Bis(2-chloroethyl)ether	ND	J1	1.5	
2-Chlorophenol	ND	J1	1.5	
1,3-Dichlorobenzene	ND	J1	1.5	
1,4-Dichlorobenzene	ND	J1	1.5	
1,2-Dichlorobenzene	ND	J1	1.5	
2-Methylphenol	ND	J1	1.5	
2,2-Oxybis(1-chloropropane)	ND	J1	1.5	
Acetophenone	ND	11	1.5	
4-Methylphenol	ND	J1	1.5	
N-Nitrosodi-n-propylamine	ND	J1	1.5	
Hexachloroethane	ND	II	1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ИD		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ИД		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number: Temperature C:

5.00

Trip ID:

Lab Sample ID:

SK20676-04

Matrix:

MW-6 Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 15:58

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND	Л .	1.5	
Hexachlorocyclopentadiene	ND	J1, J5	1.5	
2,4,6-Trichlorophenol	ND	11	1.5	
2,4,5-Trichlorophenol	ND	11	1.5	
Safrole	ND	11	1.5	
2-Chloronaphthalene	ND	11	1.5	
1-Chloronaphthalene	ND	JI	1.5	
2-Nitroaniline	ND	Jl	1.5	
1,4-Dinitrobenzene	ND	JI	1.5	
Dimethylphthalate	ND	Ji	1.5	
1,3-Dinitrobenzene *	ND	J!	1.5	
2,6-Dinitrotoluene	ND	J1	1.5	
Acenaphthylene	ND	JI	1.5	
1,2-Dinitrobenzene	ND	31	1.5	
3-Nitroaniline	ND	Jì	1.5	
Acenaphthene	ND	J1	1.5	
2,4-Dinitrophenol	ND	11	5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 15:58

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrophenol	ND	J1	1.5	
Dibenzofuran	ND	. 11	1.5	
2,4-Dinitrotoluene	ND :	Л	1.5	•
Pentachlorobenzene	ND	11	1.5	
1-Naphthylamine	ND	J1	1.5	
2-Naphthylamine	ND	J1	1.5	
2,3,4,6-Tetrachlorophenol	ND	J1	1.5	
Diethylphthalate	ND	51	1.5	
4-Chlorophenyl phenyl ether	ND	11	1.5	
Fluorene	ND	31	1.5	
4-Nitroaniline	ND	J 1	1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Çarbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 15:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	•
Fluoranthene	ND		1.5	
Ругепе .	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND	•	1.5	
Benzo(a)anthracene	ND		' 1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND	•	1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

0

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:32

Analyte

Result

Qualifier

Reporting Limit
0.06

Regulatory Level

Mercury

ND

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:15

Analyte	<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aluminum	2090		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND	B2	10.0	
Barium	50.5		5.00	
Beryllium	ND		1.00	
Boron	654	B1	10.0	
Cadmium	ND	B2	3.00	
Calcium	391000		300	100000
Chromium	6.59		5.00	
Cobalt	25.3		10.0	
Copper	31.8·	B2	10.0	
Iron	10200		50.0	40000
Lead	12.6	B1 '	5.00	
Magnesium	174000		300	100000
Manganese	2320	•	15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6

Lab Sample ID:

SK20676-04

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:00

Sample Type:

Sample Depth:

Total Depth:

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:15

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Nickel	28.7		5.00	
Potassium	8910		1400	100000
Selenium *	14.1	Bl	10.0	
Silver	ND		3.00	
Sodium	167000		300	
Strontium	3220		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	46.3		25.0	
Hardness	1690000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected: 11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 21:29

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND		0.050	
beta-BHC	ND		0.050	
delta-BHC	ND		0.050	
gamma-BHC	ND		0.050	
Heptachlor	ND		0.050	
Aldrin	ND		0.050	
Heptachlor epoxide	ND		0.050	
Endosulfan I	ND		0.050	
Dieldrin	ND		0.10	
p,p'-DDE	ND		0.10	
Endrin	ND		0.10	
Endosulfan II	ND		0.10	
p,p'-DDD	ND		0.10	
Endosulfan sulfate	ND		0.10	
p,p'-DDT	ND		0.10	
Methoxychlor	ND		1.0	
Endrin ketone	ND		0.10	
Endrin aldehyde	ND		0.10	
alpha-Chlordane	ND		0.050	
gamma-Chlordane	ND		0.050	
Toxaphene	ND		3.0	
Aroclor 1016	ND		0.50	
Aroclor 1221	ND		0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

11/10/12

Trip D:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 21:29

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aroclor 1232	ND		0.50	
Aroclor 1242	ND		0.50	
Aroclor 1248	ND		0.50	
Aroclor 1254	ND		0.50	
Aroclor 1260	ND		0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:43

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloromethane	ND '		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Reported: 01/04/13 09:01 Page 42 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Name:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:43

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	•
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichlorgethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND	•	2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.0C

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 14:43

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene ·	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 16:59

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND	И	1.5	
2-Picoline	ND	Jl	1.5	
Methyl methanesulfonate	ND	Jl	1.5	
Ethyl methanesulfonate	ND	Ji	1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

. Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 16:59

Analyte	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND	JI	1.5	
Bis(2-chloroethyl)ether	ND]]	1.5	
2-Chlorophenol	ND	J1	1.5	
1,3-Dichlorobenzene	ND	JI	1.5	
1,4-Dichlorobenzene	ND	Jì	1.5	
1,2-Dichlorobenzene	ND	J1	1.5	
2-Methylphenol	ND	JI	1.5	
2,2-Oxybis(1-chloropropane)	ND	J1	1.5	
Acetophenone	ND	JI	1.5	
4-Methylphenol	ND	JI	1.5	
N-Nitrosodi-n-propylamine	ND	11	1.5	
Hexachloroethane	ND	J1	1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND	•	1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Reported: 01/04/13 09:01 Page 45 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 16:59

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND	11	1.5	
Hexachlorocyclopentadiene	ND	J1, J5	1.5	
2,4,6-Trichlorophenol	ND	Jl	1.5	
2,4,5-Trichlorophenol	ND	J1	1.5	
Safrole	ND	Jl	1.5	
2-Chloronaphthalene	ND	J1	1.5	
1-Chloronaphthalene	ND	Jl	1.5	
2-Nitroaniline	ND	Jl	1.5	
1,4-Dinitrobenzene	ND	Jl	1.5	
Dimethylphthalate	ND	Jl	1.5	
1,3-Dinitrobenzene *	ND	J1	1.5	
2,6-Dinitrotoluene	ND	Jl	1.5	
Acenaphthylene	ND	J1	1.5	
1,2-Dinitrobenzene	ND	11	1.5	
3-Nitroaniline	ND	JI	1.5	
Acenaphthene	ND	JI	1.5	
2,4-Dinitrophenol	ND	J1	5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Collected By: CH Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

Λ

Semivolatiles by GC/MS

Method:

Units:

8270 ug/L

.70

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 16:59

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND	Jì	1.5	
Dibenzofuran	ND	, II	1.5	
2,4-Dinitrotoluene	ND	Jl	1.5	
Pentachlorobenzene	ND	Jl	1.5	
1-Naphthylamine	ND	Jl	1.5	¢ .
2-Naphthylamine	ND	JI	1.5	
2,3,4,6-Tetrachlorophenol	ND	JI	1.5	
Diethylphthalate	ND	Jl	1.5	
4-Chlorophenyl phenyl ether	ND	Jl	1.5	
Fluorene	ND	J1	1.5	,
4-Nitroaniline	ND	J1	1.5	•
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene * ·	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND	•	1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 :13:23

Sample Type:

Sample Depth:

Total Depth:

Semivolatiles by GC/MS

Method: Units:

8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 16:59

<u>Analyte</u>	Result	Qualifier_	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		i.5	
Fluoranthene	ND		1.5	
Ругепе .	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5 -	•
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND	•	1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

0

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:37

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

tegulator / Devel

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:19

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	1030		60.0	40000
Antimony	ND		10.0	
Arsenic *	ND	B2	10.0	
Barium	. 33.0		5.00	
Beryllium	ND		1.00	
Boron	663	Bi	10.0	
Cadmium	ND	B2	3.00	
Calcium	350000		300	100000
Chromium	5.45	·	5.00	
Cobalt	22.5	•	10.0	
Copper	45.6	B2	10.0	
Iron	8450		50.0	40000
Lead	19.8	81	5.00	
Magnesium	158000		300	100000
Manganese	1970		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-6 DUP

Lab Sample ID:

SK20676-05

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:23

Sample Type:

Sample Depth:

Total Depth:

·o

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:19

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Nickel	24.6		5.00	
Potassium	8260		1400	100000
Selenium *	12.0	Вi	10.0	
Silver	ND		3.00	
Sodium	167000		300	
Strontium	3190		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	43.3		25.0	
Hardness	1520000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding.Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

^

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 22:14

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND		0.050	
beta-BHC	ND		0.050	
delta-BHC	ND		0.050	
gamma-BHC	ND ,		0.050	
Heptachlor	ND		0.050	
Aldrin	ND		0.050	
Heptachlor epoxide	ND		0.050	
Endosulfan I	ND		0.050	
Dieldrin	ND		0.10	
p,p'-DDE	ND		0.10	
Endrin	ND		0.10	
Endosulfan II	ND		0.10	
p,p'-DDD	ND		0.10	
Endosulfan sulfate	ND	•	0.10	
p,p'-DDT	ND		0.10	
Methoxychlor	ND		1.0	
Endrin ketone	ND		0.10	
Endrin aldehyde	ND		0.10	
alpha-Chlordane	ND		0.050	
gamına-Chlordane	ND		0.050	
Toxaphene	ND		3.0	
Aroclor 1016	ND		0.50	
Aroclor 1221	ND		0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/27/12 22:14

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Aroclor 1232	ND		0.50	
Aroclor 1242	ND		0.50	
Aroclor 1248	ND		0.50	
Aroclor 1254	ND		0.50	
Aroclor 1260	ND		0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 16:24

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND	•	2.0	•
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ИД		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		.2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

2. 15 102

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 16:24

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND	•	2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	. ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND	•	2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Visit Number:

Trip ID:

LP43 402

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 16:24

<u>Analyte</u>	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 17:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

DI 15 102

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 17:58

Units:

ug/L

Analyzed:

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND .		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	•
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.0C

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 17:58

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	- ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 17:58

<u>Anaivte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND ·		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	, ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	•
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

Units:

8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 17:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	,
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ИĎ	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Reported: 01/04/13 09:01 Page 58 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

Funding Code:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

LP43 402

Trip ID:

Matrix:

Sample Type:

Client Sample ID:

MW-5 Water

Collected By: CH

Sample Depth:

Mercury by EPA Method 245.1

Method: Units:

245.1

ug/L

Analyte

Мегсигу

Result

ND

Qualifier

Analyzed:

Prepared:

12/10/12 14:39

12/10/12 09:23

11/16/12

5.00

SK20676-06

11/14/12 13:58

Reporting Limit 0.06

Date Received:

Visit Number:

Temperature C:

Date/Time Collected:

Lab Sample ID:

Total Depth:

Regulatory Level

Metals by EPA 6000/7000 Series Methods

Method: Units:

6010

ug/L

Prepared:

11/30/12 09:19

Analyzed:

12/06/12 10:22

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	432		60.0	40000
Antimony	ND		10.0	
Arsenic *	25.8	B2	10.0	
Barium	53.2		5.00	
Beryllium	ND		1.00	
Boron	360	B1	10.0	
Cadmium	3.29	B2	3.00	
Calcium	296000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	16.1	B2	10.0	
Iron	20500		50.0	40000
Lead	11.2	B1	5.00	
Magnesium	124000		300	100000
Manganese	652		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-5

Lab Sample ID:

SK20676-06

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 13:58

Sample Type:

Sample Depth:

Total Depth:

0

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:22

<u>Analvte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	7.21		5.00	
Potassium	4100		1400	100000
Selenium *	ND	Bl	10.0	
Silver	ND		3.00	
Sodium	30500		300	
Strontium	2840		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	46.4		25.0	
Hardness	1250000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

8260 TRIP BLANK

Lab Sample ID:

SK20676-07

Matrix:

Water

Collected By:

Date/Time Collected:

11/14/12 0:00

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00 11/28/12 16:58

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND	•	2.0	•
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number: Temperature C:

5.00

Trip ID:

8260 TRIP BLANK

Lab Sample ID:

SK20676-07

Matrix:

Water

Collected By:

Date/Time Collected:

11/14/12 0:00

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 16:58

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		. 2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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Illinois Environmental Protection Agency Laboratory 825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

Lab Sample ID:

SK20676-08

Matrix:

MW-4 Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04 11/28/12 02:41

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND		0.050	
beta-BHC	ND		0.050	
delta-BHC	ND		0.050	
gamma-BHC	ND		0.050	
Heptachlor	ND		0.050	
Aldrin	ND		0.050	
Heptachlor epoxide	ND		0.050	
Endosulfan I	ND		0.050	
Dieldrin	ND		0.10	
p,p'-DDE	ND		0.10	
Endrin	ND		0.10	
Endosulfan II	ND		0.10	
p,p'-DDD	ND		0.10	
Endosulfan sulfate	ND		0.10	
p,p'-DDT	ND		0.10	
Methoxychlor ·	ND		1.0	
Endrin ketone	ND		0.10	
Endrin aldehyde	ND		0.10	
alpha-Chlordane	ND		0.050	
gamma-Chlordane	ND		0.050	
Toxaphene	ND		3.0	
Aroclor 1016	ND		0.50	
Aroclor 1221	ND		0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-4

Lab Sample ID:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 02:41

Regulatory Level

Analyte	Result	Qualifier	Reporting Limit
Aroclor 1232	ND		0.50
Aroclor 1242	ND		0.50
Aroclor 1248	ND		0.50
Aroclor 1254	ND		. 0.50
Aroclor 1260	ND	•	0.50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 17:32

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

5.00

Client Sample ID:

MW-4

Lab Sample ID:

Temperature C:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

Λ

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 17:32

<u>Analyte</u>	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received: Visit Number:

11/16/12

Funding Code:

LP43 402

Temperature C:

5.00

Trip ID:

Client Sample ID:

MW-4

Lab Sample ID:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 17:32

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND	•	2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	
	•			

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 18:57

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND	Jl	1.5	
2-Picoline	ND	Jl	1.5	
Methyl methanesulfonate	ND	11	1.5	
Ethyl methanesulfonate	ND	11	1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

MW-4

Lab Sample ID:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 18:57

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND	J 1	1.5	
Bis(2-chloroethyl)ether	ND	JI	1.5	
2-Chlorophenol	ND	Jt	1.5	
1,3-Dichlorobenzene	ND	Jì	1.5	
1,4-Dichlorobenzene	ND	J1	1.5	
1,2-Dichlorobenzene	ND	Jl	1.5	
2-Methylphenol	ND	Jl	1.5	•
2,2-Oxybis(1-chloropropane)	ND	31	1.5	
Acetophenone	ND	Jl	1.5	
4-Methylphenol	ND	11	1.5	
N-Nitrosodi-n-propylamine	ND	J1	1.5	
Hexachloroethane	ND	J1	1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND	•	1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Date Received:

Temperature C:

11/16/12

5.00

Name: J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021

Funding Code: LP43 402 Visit Number:

Trip ID:

Client Sample ID: MW-4 Lab Sample ID: SK20676-08

Matrix: Water Collected By: CH Date/Time Collected: 11/14/12 14:45

Sample Type: Sample Depth: Total Depth: 0

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 11/21/12 09:37

 Units:
 ug/L
 Analyzed:
 12/13/12 18:57

Analyte Qualifier Reporting Limit Regulatory Level Result Hexachloropropene ND 1.5 Hexachlorobutadiene ND J5 1.5 N-Nitrosodi-n-butylamine ND 1.5 4-Chloro-3-methylphenol ND 1.5 ND 1.5 Isosafrole ND 1.5 2-Methylnaphthalene 1,2,4,5-Tetrachlorobenzene ND 1.5 Hexachlorocyclopentadiene ND J5 1.5 2,4,6-Trichlorophenol 1.5 ND ND 1.5 2,4,5-Trichlorophenol Safrole ND 1.5 2-Chloronaphthalene ND 1.5 1.5 1-Chloronaphthalene ND 2-Nitroaniline ND 1.5 1,4-Dinitrobenzene ND 1.5 Dimethylphthalate ND 1.5 1,3-Dinitrobenzene * ND 1.5 1.5 2,6-Dinitrotoluene ND 1.5 ND Acenaphthylene ND 1.5 1,2-Dinitrobenzene ND 1.5 3-Nitroaniline ND 1.5 Acenaphthene 2,4-Dinitrophenol ND 5.0

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Funding Code:

Client Sample ID:

Trip ID:

LP43 402

Matrix:

Sample Type:

Water

MW-4

Collected By: CH

Sample Depth:

Total Depth:

Date Received:

Visit Number:

Temperature C:

Date/Time Collected:

Lab Sample ID:

0

11/16/12

5.0C

SK20676-08

11/14/12 14:45

Semivolatiles by GC/MS

Method:

8270

Units:

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 18:57

<u>Analvte</u>	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND	•	1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021 Date Received: 11/16/12

Funding Code: LP43 402 Visit Number:

Trip ID: Temperature C: 5.00

Client Sample ID: Lab Sample ID: SK20676-08

Matrix: Water Collected By: CH Date/Time Collected: 11/14/12 14:45

Sample Type: Sample Depth: Total Depth: 0

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 11/21/12 09:37

 Units:
 ug/L
 Analyzed:
 12/13/12 18:57

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	•
Рутепе	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-4

Lab Sample ID:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

0

- --

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:41

<u>Analyte</u>

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19 12/06/12 10:25

Units:

ug/L

Analyzed:

Qualifier <u>Analyte</u> Result Reporting Limit Regulatory Level Aluminum 64.2 60.0 40000 Antimony ND 10.0 Arsenic * 84.7 B2 10.0 Barium 38.2 5.00 Beryllium ND 1.00 Boron 444 Βı 10.0 Cadmium ND B2 3.00 Calcium 367000 300 100000 Chromium ND 5.00 Cobalt ND 10.0 Copper ND B2 10.0 Iron 10800 50.0 40000 Lead ND Вl 5.00 Magnesium 128000 300 100000 Manganese 901 15.0

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-4

Lab Sample ID:

SK20676-08

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/14/12 14:45

Sample Type:

Sample Depth:

Total Depth:

Λ

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prep

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:25

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	6.35		5.00	
Potassium	5300		1400	100000
Selenium *	ND	ВІ	10.0	
Silver	. ND		3.00	
Sodium	80500		300	
Strontium	2990		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND	•	25.0	
Hardness	1450000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04 11/28/12 03:26

Units:

ug/L

Analyzed:

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND	1J	0.050	
beta-BHC	ND	11	0.050	
delta-BHC	ND	13	0.050	
gamma-BHC	ND	Jl	0.050	
Heptachlor	ND	J1	0.050	,
Aldrin	ND	J1	0.050	
Heptachlor epoxide	ND	J1	0.050	
Endosulfan I	ND	11	0.050	
Dieldrin	ND	J1	0.10	
p,p'-DDE	ND	J1	0.10	
Endrin	ND	J1	0.10	
Endosulfan II	ND	J1	0.10	
p,p'-DDD	ND	Jì	0.10	
Endosulfan sulfate	ND	Jl	0.10	
p,p'-DDT	ND	Ji	0.10	
Methoxychlor	ND	J1	1.0	
Endrin ketone	ND	Jl	0.10	
Endrin aldehyde	ND	J1	0.10	
alpha-Chlordane	ND	JI	0.050	
gamma-Chlordane	ND	J1	0.050	
Toxaphene	ND	Jì	3.0	
Aroclor 1016	ND	Jì	0.50	
Aroclor 1221	ND	Jl	0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 03:26

Regulatory Level

Analyte	Result	Qualifier_	Reporting Limit
Aroclor 1232	ND	11	0.50
Aroclor 1242	ND	J1	0.50
Aroclor 1248	ND	JI	0.50
Aroclor 1254	ND	J1	0.50
Aroclor 1260	ND	J1	0.50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 12:28

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 12:28

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND ·.		2.0	
1,2-Dichloropropane	ND	,	2.0	
Trichloroethene	ND ·		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name: J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021 Date Received: 11/16/12

Funding Code: LP43 402 Visit Number:

Trip ID: 5.00

Client Sample ID: MW-3 Lab Sample ID: SK20676-09

Matrix: Water Collected By: CH Date/Time Collected: 11/15/12 9:25

Sample Type: Sample Depth: Total Depth: 0

Volatiles Organic Compounds by Purge and Trap GC/MS

 Method:
 8260
 Prepared:
 11/28/12 10:00

 Units:
 ug/L
 Analyzed:
 11/28/12 12:28

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND ·		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

 Method:
 8270
 Prepared:
 11/21/12 09:37

 Units:
 ug/L
 Analyzed:
 12/13/12 19:56

Analyte-	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 19:56

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	•
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND	•	1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 19:56

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND .	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND	•	1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND	ì	1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217,782,9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Funding Code:

LP43 402

Trip ID:

Client Sample ID:

MW-3

Water

Collected By: CH

Date/Time Collected:

Lab Sample ID:

Date Received:

Visit Number:

Temperature C:

11/15/12 9:25

SK20676-09

11/16/12

5.00

Sample Type:

Matrix:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Units:

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 19:56

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND	•	1.5	•
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND	•	1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

Lab Sample ID:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270 ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 19:56

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND		- 1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	ND		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	•
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number: Temperature C:

5.0C

Trip ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth:

Total Depth:

0

Cyanide by EPA Method 335.4

Method:

335.4

Prepared:

11/19/12 12:24

Units:

mg/L

Analyzed:

11/20/12 14:11

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

0.20

Cyanide

ND

0.2

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed: 12/10/12 14:42

Analyte

Result

Qualifier

Reporting Limit 0.06

Regulatory Level

Mercury

ND

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:29

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	757		60.0	40000
Antimony	ND		10.0	
Arsenic *	91.8	B2	10.0	
Barium	253		5.00	
Beryllium	ND		1.00	
Boron	1140	. В1	10.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

110/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-3

Lab Sample ID:

SK20676-09

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 9:25

Sample Type:

Sample Depth: .

Total Depth:

0

Metals by EPA 6000/7000 Series Methods

Method: Units: 6010

ug/L

Prepared:

11/30/12 09:19

Analyzed:

12/06/12 10:29

Analyte	<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Cadmium	ND	B2	3.00	
Calcium	268000		300	100000
Chromium	ND		5.00	
Cobalt	ND		10.0	
Copper	14.6	B2	10.0	
Iron	10500		50.0	40000
Lead	ND	B1	5.00	
Magnesium	207000		300	100000
Manganese	168		15.0	
Nickel	13.1		5.00	
Potassium	9190		1400	100000
Selenium *	ND	BI	10.0	
Silver	ND		3.00	
Sodium	424000		300	
Strontium	4360		5.00	
Thallium	ND		10.0	
Vanadium	ND		5.00	
Zinc	ND		25.0	
Hardness	1520000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.0C

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Units:

ug/L

Prepared:

11/19/12 11:04

Analyzed:

11/28/12 04:11

à u a lanta	Docult	Qualifier .	Reporting Limit	Regulatory Level
<u>Analyte</u>	Result			Regulatory Level
alpha-BHC	ND	Jl	0.050	
beta-BHC	ND	Jl	0.050	
delta-BHC	ND	, л	0.050	
gamma-BHC	ND	31	0.050	
Heptachlor	ND	J1	0.050	
Aldrin	ND	11	0.050	
Heptachlor epoxide	ND	11	0.050	
Endosulfan I	ND	J1	0.050	
Dieldrin	ND	J1	0.10	
p,p'-DDE	ND	Л	0.10	
Endrin	ND	Л	0.10	
Endosulfan II	ND	JI	0.10	
p,p'-DDD	ND	J1	0.10	
Endosulfan sulfate	ND	11	0.10	
p,p'-DDT	ND	JI	0.10	
Methoxychlor	ND	Jì	1.0	•
Endrin ketone	NÞ	11	0.10	
Endrin aldehyde	ND	J1	0.10	
alpha-Chlordane	ND	11	0.050	
gamma-Chlordane	ND	Jl	0.050	
Toxaphene	ND	J1	3.0	
Aroclor 1016	ND	11	0.50	
Aroclor 1221	ND	J1	0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number: Temperature C:

5.00

Trip ID:

Matrix:

MW-2

Lab Sample ID:

SK20676-10

Client Sample ID:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 04:11

Regulatory Level

<u>Analyte</u>	Result	Qualifier	Reporting Limit
Aroclor 1232	ND	л	0.50
Aroclor 1242	ND	Л	0.50
Aroclor 1248	ND	Jì	0.50
Aroclor 1254	ND	11	0.50
Aroclor 1260	ND	Jì	0.50

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Units: ug/L

Prepared:

11/28/12 10:00

Analyzed:

11/28/12 13:02

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	•
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

11/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00 11/28/12 13:02

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND	•	2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

_ .. .<u>-</u> ___

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 13:02

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 20:55

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 20:55

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	•
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	.ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ИD		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Units:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 20:55

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	1
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		, 1.5	
2,4-Dinitrophenol	ND		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 20:55

Analyte	Result	Qualifier_	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND	,	1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ND ·		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 20:55

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND .		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND	•	1.5	
Bis(2-ethylhexyl)phthalate	ND.		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

MW-2

Temperature C: Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Total Depth:

Sample Type:

Sample Depth:

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:44

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:32

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	1580		60.0	40000
Antimony	ND		10.0	
Arsenic *	19.1	B2	10.0	
Barium	58.0		5.00	
Beryllium	ND		1.00	
Boron	357	Bl	10.0	
Cadmium	3.64	B2	3.00	
Calcium	364000		300	100000
Chromium	5.05		5.00	
Cobalt	23.8		10.0	
Copper	13.1	B2	10.0	
Iron	22800		50.0	40000
Lead	21.4	BI	5.00	
Magnesium	175000		300	100000
Manganese	1650		15.0	

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Reported: 01/04/13 09:01 Page 92 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2

Lab Sample ID:

SK20676-10

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:37

Sample Type:

Sample Depth:

Total Depth:

0

Metals by EPA 6000/7000 Series Methods

Method: Units: 6010

ug/L

Prepared:

11/30/12 09:19

Analyzed:

12/06/12 10:32

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	32.2		5.00	
Potassium	5870		1400 ′	100000
Selenium *	ND	B1	10.0	
Silver	ND		3.00	
Sodium	50600		300	
Strontium	2920		5.00	
Thallium	ND .		10.0	
Vanadium	5.55		5.00	
Zinc	61.7		25.0	
Hardness	1630000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

SK20676-11

Client Sample ID:

MW-2 DUP

Lab Sample ID:

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04 11/28/12 04:55

Units:

ug/L

Analyzed:

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
alpha-BHC	ND	J1	0.050	
beta-BHC	ND	J1	0.050	
delta-BHC	ND	J1	0.050	
gamma-BHC	ND	11	0.050	
Heptachlor	ND	· 11	0.050	
Aldrin	ND	J1	0.050	
Heptachlor epoxide	. ND	11	. 0.050	
Endosulfan I	ND	J1	0.050	
Dieldrin	ND	Ji	0.10	
p,p'-DDE	ND	11	0.10	
Endrin	ND	J!	0.10	
Endosulfan II	ND	J;	0.10	
p,p'-DDD	ND	J!	0.10	
Endosulfan sulfate	ND] [0.10	
p,p'-DDT	ND	J1	0.10	
Methoxychlor	ND	J1	1.0	
Endrin ketone	ND	Jl	0.10	
Endrin aldehyde	ND	Jì	0.10	
alpha-Chlordane	ND	11	0.050	
gamma-Chlordane	ND	11	0.050	
Toxaphene	ND	Jì	3.0	
Aroclor 1016	ND	J1	0.50	
Aroclor 1221	ND	Jl	0.50	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

...........

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 04:55

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aroclor 1232	ND	JI	0.50	
Aroclor 1242	ND	JI	0.50	
Aroclor 1248	ND	J1	0.50	
Aroclor 1254	ND	J1	0.50	
Aroclor 1260	ND	J1	0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 15:17

			•	
<u>Analyte</u>	<u>Result</u>	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND .		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received :

11/16/12

Funding Code:

LP43 402

Visit Number:

., 10, 14

Trip ID:

L1 73 702

Temperature C:

5.00

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

^

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 15:17

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2,Dichloropropane	ND		2.0	
Trichloroethene	ND		` 2.0	
Bromodichloromethane	ND ·		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND	•	2.0	
2-Hexanone (MBK) *	ND	a	2.0	
Dibromochloromethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

M-4-1---

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 15:17

<u>Analvte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND ·		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	•
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 21:54

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		լ.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/13/12 21:54

<u>Analvte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	•
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND.		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	· ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND .		1.5	

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Reported: 01/04/13 09:01 Page 98 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

Temperature C:

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/13/12 21:54

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND .		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270 ug/L

Prepared:

11/21/12 09:37

Units:

Analyzed:

12/13/12 21:54

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND .		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	•
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	ИD		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene .	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Reported: 01/04/13 09:01 Page 100 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/13/12 21:54

Units:

ug/L

Analyzed:

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Рутепе	ND		1.5	
p-Dimethylaminoazobenzene	ND		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	6.5		1.5	
Mestranol	ND		1.5	
Di-n-octylphthalate	ND		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1710/12

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-2 DUP

Lab Sample ID:

SK20676-11

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:51

Sample Type:

Sample Depth:

Total Depth:

0

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:45

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:40

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Aluminum	1410		60.0	40000
Antimony	ND		10.0	
Arsenic *	27.5	B2	10.0	
Barium	55.4		5.00	
Beryllium	ND		1.00	
Boron	354	BI	10.0	
Cadmium	4.03	B2	3.00	
Calcium	368000		300	100000
Chromium	5.16		5.00	
Cobalt	20.6		10.0	
Copper	11.3	B2	10.0	
Iron	24200		50.0	40000
Lead	19.9	B1	5.00	•
Magnesium	180000		300	100000
Manganese	1530		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

Lab Sample ID:

SK20676-11

Matrix:

MW-2 DUP

Lao Sample il

11/16/10 10:51

Water

Collected By: CH

Date/Time Collected:

11/15/12 10:5]

Sample Type:

Sample Depth:

Total Depth:

0

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:40

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	25.5		5.00	
Potassium	5870		1400	100000
Selenium *	ND	В1	10.0	
Silver	ND		3.00	
Sodium	53000		300	
Strontium	2960		5.00	
Thallium	ND		10.0	•
Vanadium	5.10		5.00	
Zinc	48.0		25.0	
Hardness	1660000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

LI 45 402

Temperature C:

5.00

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

^

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 05:40

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
alpha-BHC	ND	n	0.050	
beta-BHC	ND	11	0.050	
delta-BHC	ND	, 11	0.050	
gamma-BHC	ND	Jì	0.050	
Heptachlor	ND	Jl	0.050	
Aldrin	ND	JI	0.050	
Heptachlor epoxide	ND	n	0.050	
Endosulfan I	ND	J1	0.050	
Dieldrin	ND	11	0.10	
p,p'-DDE	· ND	П	0.10	
Endrin	ND	JI	0.10	
Endosulfan II	ND	Jl	0.10	
p,p'-DDD	ND	JI	0.10	
Endosulfan sulfate	ND	Jl	0.10	
p,p'-DDT	ND	JI	0.10	
Methoxychlor	ND	11	1.0	
Endrin ketone	. ND	л	0.10	
Endrin aldehyde	ND	J1	0.10	
alpha-Chlordane	ND	Л	0.050	
gamma-Chlordane	ND	JI	0.050	
Toxaphene	ND	J1	3.0	
Aroclor 1016	ND	JI	0.50	
Aroclor 1221	ND	J!	0.50	

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Reported: 01/04/13 09:01 Page 104 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

LF43 402

Temperature C:

5.0C

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Pesticides/PCBs by ECD

Method:

8081/8082

Prepared:

11/19/12 11:04

Units:

ug/L

Analyzed:

11/28/12 05:40

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Aroclor 1232	ND	Jl	0.50	
Aroclor 1242	ND	Jl	0.50	
Aroclor 1248	ND	Jl	0.50	
Aroclor 1254	ND	11	0.50	
Aroclor 1260	ND	J i	0.50	

Volatiles Organic Compounds by Purge and Trap GC/MS

Method: 8260 Units: ug/L

Prepared:

11/28/12 10:00

Analyzed:

11/28/12 13:36

Analyte	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Chloromethane	, ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		5.0	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	

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Reported: 01/04/13 09:01 Page 105 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

LI 43 402

Temperature C:

5.00

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 13:36

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND .		2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND '		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	
Benzene	ND		2.0	
Dibromomethane	ND		2.0	
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	

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Reported: 01/04/13 09:01 Page 106 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 13:36

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND	•	2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/14/12 12:35

<u>Analyte</u>	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Pyridine	ND		1.5	
2-Picoline	ND		1.5	
Methyl methanesulfonate	ND		1.5	
Ethyl methanesulfonate	ND		1.5	•

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

5.00

Trip ID:

MW-1

Temperature C: Lab Sample ID:

Client Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37 12/14/12 12:35

Units:

ug/L

Analyzed:

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
Phenol	ND		1.5	
Bis(2-chloroethyl)ether	ND		1.5	
2-Chlorophenol	ND		1.5	
1,3-Dichlorobenzene	ND		1.5	
1,4-Dichlorobenzene	ND		1.5	
1,2-Dichlorobenzene	ND		1.5	
2-Methylphenol	ND		1.5	
2,2-Oxybis(1-chloropropane)	ND		1.5	
Acetophenone	ND		1.5	
4-Methylphenol	ND		1.5	
N-Nitrosodi-n-propylamine	ND		1.5	
Hexachloroethane	ND		1.5	
Nitrobenzene	ND		1.5	
N-Nitrosopiperidine	ND		1.5	
Isophorone	ND		1.5	
2-Nitrophenol	ND		1.5	
2,4-Dimethylphenol	ND		1.5	
Bis(2-chloroethoxy)methane	ND		1.5	
2,4-Dichlorophenol	ND		1.5	
1,2,4-Trichlorobenzene	ND		1.5	
Naphthalene	ND		1.5	
4-Chloroaniline	ND		1.5	
2,6-Dichlorophenol	ND		1.5	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1110112

Trip ID:

Тетре

Temperature C:

5.00

Client Sample ID:

MW-1

Callanta I Dani CII

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method: Units: 8270

ug/L

Prepared:

11/21/12 09:37

Analyzed:

12/14/12 12:35

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Hexachloropropene	ND		1.5	
Hexachlorobutadiene	ND	J5	1.5	
N-Nitrosodi-n-butylamine	ND		1.5	
4-Chloro-3-methylphenol	ND		1.5	
Isosafrole	ND		1.5	
2-Methylnaphthalene	ND		1.5	
1,2,4,5-Tetrachlorobenzene	ND		1.5	
Hexachlorocyclopentadiene	ND	J5	1.5	
2,4,6-Trichlorophenol	ND		1.5	
2,4,5-Trichlorophenol	ND		1.5	
Safrole	ND		1.5	
2-Chloronaphthalene	ND ·		1.5	
1-Chloronaphthalene	ND		1.5	
2-Nitroaniline	ND		1.5	
1,4-Dinitrobenzene	ND		1.5	
Dimethylphthalate	ND		1.5	
1,3-Dinitrobenzene *	ND		1.5	
2,6-Dinitrotoluene	ND		1.5	
Acenaphthylene	ND		1.5	
1,2-Dinitrobenzene	ND		1.5	
3-Nitroaniline	ND		1.5	•
Acenaphthene	ND		1.5	
2,4-Dinitrophenol	ND		5.0	·

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

Prepared:

11/21/12 09:37

Units:

ug/L

Analyzed:

12/14/12 12:35

<u>Analyte</u>	Result	Qualifier	Reporting Limit	Regulatory Level
4-Nitrophenol	ND		1.5	
Dibenzofuran	ND		1.5	
2,4-Dinitrotoluene	ND		1.5	
Pentachlorobenzene	ND		1.5	
1-Naphthylamine	ND		1.5	
2-Naphthylamine	ND		1.5	
2,3,4,6-Tetrachlorophenol	ND		1.5	
Diethylphthalate	ND		1.5	
4-Chlorophenyl phenyl ether	ND		1.5	
Fluorene	ND		1.5	
4-Nitroaniline	ND		1.5	
4,6-Dinitro-2-methylphenol	ND		1.5	
Diphenylamine	ND		1.5	
Azobenzene *	ND		1.5	
Phenacetin	ND		1.5	
4-Bromophenyl phenyl ether	ND		1.5	
Hexachlorobenzene	. ND		1.5	
Pentachlorophenol	ND		1.5	
Pronamide	ND		1.5	
Pentachloronitrobenzene	ND		1.5	
Phenanthrene	ND		1.5	
Anthracene	ND		1.5	
Carbazole	ND		1.5	

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Reported: 01/04/13 09:01 Page 110 of 117



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received :

11/16/12

Funding Code:

LP43 402

Visit Number:

Trip ID:

Temperature C:

5.00

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Semivolatiles by GC/MS

Method:

8270

11/21/12 09:37 12/14/12 12:35

Units:

ug/L

Prepared: Analyzed:

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
4-Nitrobiphenyl	ND		1.5	,
Di-n-butylphthalate	ND		1.5	
5-Nitroacenaphthene	ND		1.5	
Isodrin	ND		1.5	
Fluoranthene	ND		1.5	
Pyrene	ND		1.5	
p-Dimethylaminoazobenzene	ND .		1.5	
Butyl benzyl phthalate	ND		1.5	
3,3-Dichlorobenzidine	ND		1.5	
Benzo(a)anthracene	ND		1.5	
Chrysene	ND		1.5	
Bis(2-ethylhexyl)phthalate	1.5		1.5	•
Mestranol	ND		1.5	
Di-n-octylphthalate	ND.		1.5	
Benzo(b)fluoranthene	ND		1.5	
7,12-Dimethylbenzo(a)anthracene	ND	J5	1.5	
Benzo(k)fluoranthene	ND		1.5	
Benzo(a)pyrene	ND		1.5	
Indeno(1,2,3-cd)pyrene	ND		1.5	
Dibenzo(a,h)anthracene	ND		1.5	
Benzo(ghi)perylene	ND		1.5	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number: Temperature C:

5.0C

Trip ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

^

Mercury by EPA Method 245.1

Method:

245.1

Prepared:

12/10/12 09:23

Units:

ug/L

Analyzed:

12/10/12 14:47

Analyte

Result

Qualifier

Reporting Limit

Regulatory Level

Mercury

ND

0.06

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:43

Analyte	<u>Result</u>	Qualifier	Reporting Limit	Regulatory Level
Aluminum	4280		60.0	40000
Antimony	ND		10.0	
Arsenic *	16.6	B2	10.0	
Barium	1320		5.00	
Beryllium	ND		1.00	
Boron	1360	B1 .	10.0	
Cadmium	5.36	B2	3.00	
Calcium	235000		300	100000
Chromium	12.3		5.00	
Cobalt	22.7		10.0	
Copper	56.6	B2	10.0	
Iron	28000		50.0	40000
Lead	96.9	BI	5.00	
Magnesium	. 253000		300	100000
Manganese	1450		15.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

1/10/12

Trip ID:

21 43 402

Temperature C:

5.00

Client Sample ID:

MW-1

Lab Sample ID:

SK20676-12

Matrix:

Water

Collected By: CH

Date/Time Collected:

11/15/12 12:03

Sample Type:

Sample Depth:

Total Depth:

0

Metals by EPA 6000/7000 Series Methods

Method:

6010

Prepared:

11/30/12 09:19

Units:

ug/L

Analyzed:

12/06/12 10:43

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Nickel	35.4		5.00	
Potassium	60900		1400	100000
Selenium *	ND	B 1 ·	10.0	
Silver	ND .		3.00	
Sodium	1060000		300	
Strontium	1350		5.00	
Thallium	ND		10.0	
Vanadium	15.7		5.00	
Zinc	187		. 25.0	
Hardness	1630000		1980	



Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

Temperature C:

11/16/12

Funding Code:

Client Sample ID:

LP43 402

Visit Number:

5.00

Trip ID:

8260 TRIP BLANK

Lab Sample ID:

SK20676-13

Matrix:

Water

Collected By:

Date/Time Collected:

11/15/12 0:00

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00

Units:

ug/L

Analyzed:

11/28/12 18:05

Analyte	Result	<u>Qualifier</u>	Reporting Limit	Regulatory Level
Chloromethane	ND		2.0	
Vinyl chloride	ND		2.0	
Bromomethane	ND		2.0	
Chloroethane	ND		2.0	
Trichlorofluoromethane	ND		2.0	
Acetone	ND		10	
1,1-Dichloroethene	ND		2.0	
Methylene chloride	ND		· 5.0 .	
Carbon disulfide	ND		2.0	
trans-1,2-Dichloroethene	ND		2.0	
Methyl tert-butyl ether	ND		2.0	
1,1-Dichloroethane	ND		2.0	
2-Butanone (MEK) *	ND		10	
cis-1,2-Dichloroethene	ND		2.0	
Bromochloromethane	ND		2.0	
Chloroform	ND	,	2.0	
2,2-Dichloropropane	ND		2.0	
1,2-Dichloroethane	ND		2.0	
1,1,1-Trichloroethane	ND		2.0	
1,1-Dichloropropene	ND		2.0	
Carbon tetrachloride	ND		2.0	,
Benzene	ND		2.0	
Dibromomethane	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number:

0311685021

Date Received:

11/16/12

Funding Code:

Client Sample ID:

Visit Number:

1/10/12

Funding Co

LP43 402

Temperature C:

5.00

Trip ID:

8260 TRIP BLANK

Lab Sample ID:

SK20676-13

Matrix:

Water

Collected By:

Date/Time Collected:

11/15/12 0:00

Sample Type:

Sample Depth:

Total Depth:

Volatiles Organic Compounds by Purge and Trap GC/MS

Method:

8260

Prepared:

11/28/12 10:00 11/28/12 18:05

Units:

ug/L

Analyzed:

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
1,2-Dichloropropane	ND		2.0	
Trichloroethene	ND		2.0	
Bromodichloromethane	ND		2.0	
cis-1,3-Dichloropropene	ND		2.0	
4-Methyl-2-pentanone (MIBK)	ND		2.0	
trans-1,3-Dichloropropene	ND		2.0	
1,1,2-Trichloroethane	ND		2.0	
Toluene	ND		2.0	
1,3-Dichloropropane	ND		2.0	
2-Hexanone (MBK) *	ND		2.0	
Dibromochloromethane	ND		2.0	
1,2-Dibromoethane	ND		2.0	
Tetrachloroethene	ND		2.0	
1,1,1,2-Tetrachloroethane	ND		2.0	
Chlorobenzene	ND		2.0	
Ethylbenzene	ND		2.0	
Bromoform	ND		2.0	
Styrene	ND		2.0	
1,1,2,2-Tetrachloroethane	ND		2.0	
Xylenes, total	ND		2.0	
1,2,3-Trichloropropane	ND		2.0	
Isopropylbenzene	ND		2.0	
Bromobenzene	ND		2.0	

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Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:

Trip ID:

J.T. EINODER INC RECYCLE CTR/TRI-STATE INDUSTRIES

Project/Facility Number: 0311685021

Date Received:

11/16/12

Funding Code:

LP43 402

Visit Number:

Temperature C:

5.00

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5.00

Trip ID:

J3

Notes and Definitions

J5 Blank spike failed high, result was less than the reporting limit - impact on data may be minimal.

The reported value failed to meet the established quality control criteria for either precision or accuracy possibly due to matrix

effects.

J2 Internal Standard criteria were not met.

J1 Surrogate compound recovery limits have not been met.

B2 The sample matrix caused possible effects on measurement. The result may be biased high.

B1 The sample matrix caused possible effects on measurement. The result may be biased low.

ND Analyte NOT DETECTED at or above the reporting limit

Non-NELAP accredited

Method 8270: Tentatively Identified Compounds (TICs) were detected in the semi-volatile analysis of the samples SK20676-01, -02, -03, -04, -05, -06, -08, -09, -10, -11, and -12. Please contact the laboratory if additional information about the TICs is needed.

Method 8270: The base fraction of the sample SK20676-05 was lost before analysis.

Report Authorized by:

Sally Geyston Sample Prep Unit Supervisor The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645). If you have any questions about this report, please contact Celeste Crowley. Acting Laboratory Manager, at 217.782.9780.

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