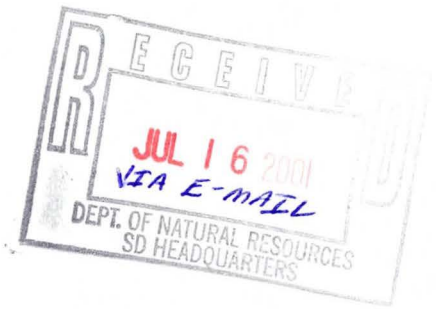
July 15, 2001

Mr. Paul Kozol
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711



Re: Monthly Monitoring Report for the Oconomowoc Groundwater Treatment Facility

Dear Mr. Kozol:

Attached is the Monthly Monitoring Report for June, 2001, for the above referenced project. Questions regarding these reports should be directed to James Chang of APL, Inc. at (414) 355-5800.

Thank you for your continued cooperation and assistance with this project.

Sincerely,

Dean P. Groleau

Dean Groleau, Plant Superintendent
APL, Inc.

cc: Steven Brossart, USACE
Steve Padovani, USEPA
James Chang, APL, Inc.
David Brodzinski, WDNR, Horicon
Craig Evans, USACE

MONTHLY MONITORING REPORT
FOR THE
OCONOMOWOC ELECTROPLATING
GROUNDWATER TREATMENT FACILITY

ASHIPPUN, WISCONSIN 53003

Prepared for:

U.S. ARMY CORPS OF ENGINEERS
ST. PAUL DISTRICT
WINONA, MINNESOTA
CONTRACT DACW37-01-C-0004

Prepared by:

APL, Inc.
8222 West Calumet Road
Milwaukee, WI 53223

July 15, 2001

1.0 Introduction

This report summarizes the monthly effluent monitoring results for the Oconomowoc Electroplating Groundwater Treatment Plant (OEGTP) for June, 2001. The OEGTP is located at the site of the former Oconomowoc Electroplating Company, in Ashippun, WI.

Laboratory results of effluent sampling can be found in the Discharge Monitoring Report Form, sent under separate cover. The effluent sampling was conducted by Dean Groleau of APL, Inc. Laboratory analysis was provided by APL, Inc., 8222 W. Calumet Road, Milwaukee WI 53223. All sampling and analyses were conducted in accordance with the Oconomowoc Electroplating Groundwater Treatment System's Chemical Data Acquisition Plan (CDAP). The parameters tested for, frequency of testing, sample type, and limits are set forth in the Final Discharge Limits, Table 1 of the Oconomowoc Electroplating Superfund Site Limits and Requirements for Discharge of Treated Groundwater, issued by the Wisconsin Department of Natural Resources (WDNR) on September 24, 1996. This report is submitted in accordance with the reporting requirements of the WDNR permit.

1.1 Site Background Review

The OEGTP is located at 2572 Oak Street in Ashippun, Wisconsin, in the NW 1/4 of the SE 1/4 of Section 30, Township 30 North, Range 17 East. The site consists of approximately 10 acres, which includes approximately 3.5 acres of the former electroplating facility. The site is bounded by Oak Street (Highway 'O') and Eva Street to the North, and Davey Creek and the Town of Ashippun's garage facilities to the South. The property directly across Oak Street is occupied by Thermogas, Inc. A residential area is located across Eva Street, and a wetlands surrounds Davey Creek.

The contact person is Steven Brossart of the U.S. Army Corps of Engineers (USACE). Mr. Brossart's phone number is (507) 454-6150, Fax (507) 454-4963. APL, Inc. is contracted by the USACE to operate and maintain the plant. The contact for the Treatment Plant is Dean Groleau who can be reached at (920) 474-3212, Fax (920) 474-4241, or ogtp@netwurx.net. The contact for APL, Inc. is James Chang, who can be reached at (414) 355-5800, Fax (414) 355-3099.

1.2 Project Objectives

The objective of this project is to prevent the spreading of any plume of contamination that may exist at the site. Contaminated groundwater is pumped from five extraction wells, treated for cyanide, metals, suspended solids, and volatile organic compounds (VOC's). The treated water is then transferred to a groundwater effluent gallery, located south of Elm Street, near Davey Creek.

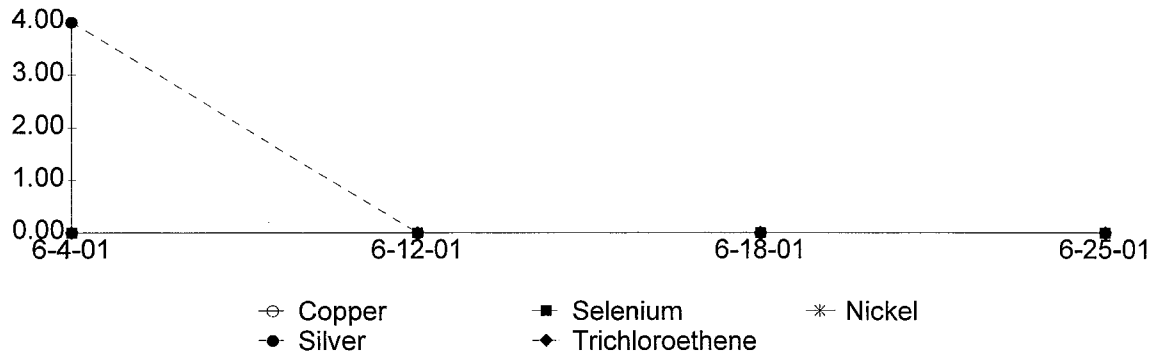
1.3 Effluent Monitoring

Weekly monitoring was conducted on June 4, 12, 18, and 25. The weekly samples for June were tested by APL, Inc. The monthly samples that were taken on June 4, were split-sampled and sent to En Chem, Inc. located in Madison, WI. This was requested by the USACE and is conducted quarterly for their QA requirements. The results of the effluent monitoring tests for the samples taken in June showed three exceedences of Selenium of the WDNR effluent discharge permit. The rerunning of the Selenium samples all showed "Less than the Level of Detection."

1.4 Monitoring Results

Results from weekly effluent monitoring can be found in the *Discharge Monitoring Report Form*, sent under a separate cover. Chart 1, below, shows the results of effluent monitoring for five important indicator parameters listed in the Monitoring Requirements of the *Oconomowoc Electroplating Superfund Site Substantive WPDES Permit Requirements Summary (9/96).*

Chart 1 - 5 Important Indicator Parameters



1.5 Extraction Well Monitoring

Another round of Extraction and Water Well sampling was conducted on June 4. The Extraction and Water Well sampling is conducted on a quarterly basis. The results of the Extraction and Water Wells' analyses are enclosed with this report.

1.6 Monitoring Well Sampling

Another round of Monitoring Well sampling was conducted on June 6, 7, and 8. The Monitoring Well sampling is conducted on a quarterly basis. The results of the Monitoring Wells' analyses are enclosed with this report.

2.0 Plant Permit Exceedences

Paul Kozol, Project Manager from the WDNR, was notified about the exceedences of the Selenium limit listed in the Requirements of the *Oconomowoc Electroplating Superfund Site Substantive WPDES Permit Requirements Summary (9/96)*. The June 4 Selenium result was 38 ug/l and the permit limit is 10 ug/l. A request to rerun the samples was made and after re-running the sample, the Selenium result showed a "Less than the Level of Detection." The June 12 Selenium result was 61 ug/l and the permit limit is 10 ug/l. A request to rerun the samples was made and after re-running the sample, the Selenium result showed a "Less than the Level of Detection." The June 25 Selenium result was 45 ug/l and the permit limit is 10 ug/l. A request to rerun the samples was made and after re-running the sample, the Selenium result showed a "Less than the Level of Detection." Mr. Kozol allowed the treatment plant to continue operating based on the history of very little Selenium being detected in the influent.

3.0 Treatment Plant Shut Downs

The Treatment Plant was shut down two times for a total of 1.25 hours in June, 2001. The shut downs were due to clean RMT-301, FT-311, and CRT-211's Discharge Line and from an Electrical Storm. Table 1 shows the summary of the plant down times for the month of June, 2001.

Table 1 - Plant Down Time Summary

Date(s)	Number Hours Shut Down	Reason
6-5-01	0.75	Shut Down to Clean RMT-301, FT-311, & CRT-211 Discharge Line
6-12-01	0.5	Shut Down due to an Electrical Storm
TOTAL	**1.25**	

3.1 Shut Down to Clean Out RMT-301, FT-311, & CRT-211 Discharge Line

On June 5, the treatment plant was shut down to remove the sludge/hardness build-up from the Rapid Mix Tank (RMT-301) and Flocculation Tank (FT-311). All mixers were shut off and locked out and the pH probe was removed and placed in water. RMT-301 was drained to the Sludge Holding Tank (ST-820) using the Equalization Tank Solids Pump (ESP-120). The access covers were removed and the chemical feed pumps were shut down and isolated. After RMT-301 was drained, the FT-311 was set up to be drained. As FT-311 was draining, the walls and mixer were cleaned in RMT-301. Then the walls, mixer, and floor were cleaned in FT-311. The drain hose was put back in line for RMT-301 and the floor was cleaned. All tanks were refilled using ESP-120 in the discharge mode and the treatment plant was restarted. All chemical feed pumps and mixers for RMT-301 and FT-311 were activated. The access covers and pH probe were reinstalled. All levels and flows returned to normal operating parameters. Also, addressed during the shut down was the clearing of hardness/sludge build-up in the discharge line from the Cyanide Reaction Tank (CRT-211) to the Rapid Mix Tank (RMT-301). Total down time was 0.75 hours. APL Inc., WDNR, and USACE were notified of the shut down.

3.2 Shut Down due to an Electrical Storm

On June 12, the treatment plant was found shut down upon the arrival of the operator. It had shut down due to an electrical storm at 3:30 A.M. and restarted at 4:00 A.M. automatically. The operator inspected all equipment for further damage but none was detected. A huge electrical storm was moving through the area at the time of the shut down and the office clock and process p.c. were, also affected by the power outage. Total down time was 0.5 hours. The USACE, WDNR, and APL, Inc. were notified of the shut down.

4.0 Sludge Press Operations

The Sludge Filter Press (FP-800) was filled and emptied 6 times during the month of June, 2001. It was filled and emptied on June 1, 6, 7, 15, 26, and 28. The dewatered sludge is sampled 1 time per year after the first opening of the press into the new hopper. We have 90 days after the first opening of the press and dumping into the new hopper to have it removed from the site. The sampling of the sludge occurred on January 22. A new hopper was set up on June 13, 2001. The first filter press load of dewatered sludge that was added to the new hopper occurred on June 15. The dewatered sludge hopper removal date is September 12. There were 12 filter press loads of dewatered sludge in the old hopper. There are 3 filter press loads of dewatered sludge in the new hopper at the end of June, 2001.

5.0 Summary

Groundwater Treatment Plant effluent monitoring was conducted on June 4, 12, 18, and 25 of 2001. Another round of Extraction and Monitoring Wells' sampling was conducted in June, 2001. Split-sampling and analysis was conducted on the June 4 samples. The USACE exercised their option to split-sample the effluent for their QA analysis by an outside laboratory. This is conducted on a quarterly basis. The laboratory results of these samples showed no exceedences of the limits listed in the Requirements of the *Oconomowoc Electroplating Superfund Site Substantive WPDES Permit Requirements Summary (9/96).* See Chart 1, Section 1.4 for *Important Indicator Parameters.*

During the month of June, 2001, the plant was shut down two times for a total of 1.25 hours. See Table 1, Section 3.0 for shut down times. All equipment operation and maintenance related issues are detailed in a separate report, entitled "*Monthly Operation and Maintenance Report for the Oconomowoc Electroplating Groundwater Treatment Facility*". That report will be submitted by July 15, 2001.

The Filter Press was filled and emptied 6 times during the month of June, 2001. A new hopper was set up on June 13. The first emptying of the Filter Press occurred on June 15. The old hopper had 12 Filter Press fillings in it and the new hopper has 3 Filter Press fillings in it at the end of June, 2001.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	6-04-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.3	11.3	N/A	N/A	7.7	Monitor	
TSS	6/5.5	NT	NT	NT	4.5/6	Monitor	mg/l
Arsenic	<5.6/<5.6	<5.6	<5.6	NT	<5.6/0.58	5	
Barium	110/100	20	10	NT	10/12	400	
Cadmium	<0.4/<0.4	<0.4	<0.4	NT	<0.4/<0.19	0.5	
Cadmium Total Recoverable	<0.4/<0.4	<0.4	<0.4	NT	<0.4/<0.17	Monitor	
Chromium +6	<4.2/<4.2	<4.2	<4.2	NT	<4.2/<12	Monitor	
Chromium Total	<8/<8	120	<8	NT	<8/2.2	10	
Copper	<6/7	<6	<6	NT	<6/1.7	Monitor	
Iron	1100/890	1100	<77	NT	<81/44	Monitor	
Lead	<1.5/<1.5	<1.5	<1.5	NT	<1.5/0.29	1.5	
Manganese	160/150	20	6	NT	<6/0.62	Monitor	
Mercury	<0.2/<0.2	<0.2	<0.2	NT	<0.2/<0.044	0.2	
Nickel	30/30	140	<11	NT	<11/8.6	20	
Selenium	<4.8/<4.8	7.9	48	NT	<4.8/<0.97	10	
Silver	<4/<4	4	<4	NT	4/<0.12	10	
Thallium	<1.3/2.3	<1.3	<1.3	NT	<1.3/<0.13	0.4	
Zinc	20/10	<14	10	NT	20/16	Monitor	
Cyanide	<6/<6	<6	NT	NT	<6/<2.1	40	
Cyanide Amenable	<6/<6	<6	NT	NT	<6/<2.1	Monitor	
1,1-Dichloroethane	15/15	NT	<0.32	<0.32	<0.32/<0.61	85	
1,2-Dichloroethane	<1.8/<1.4	NT	<0.35	<0.35	<0.35/<0.54	0.5	
1,1-Dichloroethene	<1.7/<1.4	NT	<0.34	<0.34	<0.34/<0.47	0.7	
1,2-Dichloroethene Cis	30/26	NT	<0.27	<0.27	<0.27/<0.46	7	
1,2-Dichloroethene Trans	<1.3/<1	NT	<0.25	<0.25	<0.25/<0.64	20	
Ethylbenzene	<1.3/1.4	NT	<0.25	<0.25	<0.25/<0.5	140	
Methylene Chloride	<1.5/<1.2	NT	<0.3	<0.3	<0.3/<0.38	0.5	
Tetrachloroethene	<1.6/<1.2	NT	<0.31	<0.31	<0.31/<0.41	0.5	
Toluene	<1.5/<1.2	NT	<0.29	<0.29	<0.29/<0.4	68	
1,1,1-Trichloroethane	100/37	NT	<0.31	<0.31	<0.31/<0.53	40	
1,1,2-Trichloroethane	<2.2/<1.8	NT	<0.44	<0.44	<0.44/<0.47	0.5	
TCE	382/163	NT	<0.34	<0.34	<0.34/<0.49	0.5	
Vinyl Chloride	<1/<0.8	NT	<0.2	<0.2	<0.2/<0.17	0.2	
Xylene Total	<2.7/9.7	NT	<0.53	<0.53	<0.53/<1.2	124	
COD	11/11	NT	NT	NT	<3.4/<2.9	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	<0.1/0.15	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	1.4/1.4	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	<0.1/<0.3	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

Second Result "Influent Sample" is an In-House QA Check.
Second Effluent Result Is from the USACE QA Sampling Comparison on Effluent with En Chem, Inc.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	6-12-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.2	11	N/A	N/A	7.6	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	120	NT	NT	NT	<7	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4	NT	NT	NT	<4	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	2000	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	170	NT	NT	NT	<6	Monitor	
Mercury	<0.2	NT	NT	NT	<0.2	0.2	
Nickel	30	NT	NT	NT	<11	20	
Selenium	<4.8	NT	NT	NT	<4.8	10	*
Silver	<4	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	<14	NT	NT	NT	<14	Monitor	
Cyanide	<6	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	13	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	78	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	11	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	76	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	329	NT	0.94	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

* Requested that the lab re-run Selenium to verify the result. The result of re-running the Selenium was Less Than the Level of Detection.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	6-18-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.1	10.9	N/A	N/A	7.5	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	140	NT	NT	NT	<7	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4	NT	NT	NT	<4	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	1500	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	100	NT	NT	NT	<6	Monitor	
Mercury	<0.2	NT	NT	NT	<0.2	0.2	
Nickel	30	NT	NT	NT	<11	20	
Selenium	<4.8	NT	NT	NT	<4.8	10	
Silver	<4	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	30	NT	NT	NT	<14	Monitor	
Cyanide	20	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	19	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	31	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	111	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	432	NT	1.6	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	6-25-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.1	10.8	N/A	N/A	7.6	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	
Barium	210	NT	NT	NT	<7	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4	NT	NT	NT	<4	Monitor	
Chromium Total	9	NT	NT	NT	<8	10	
Copper	8	NT	NT	NT	<6	Monitor	
Iron	1300	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	210	NT	NT	NT	<6	Monitor	
Mercury	<0.2	NT	NT	NT	<0.2	0.2	
Nickel	20	NT	NT	NT	<11	20	
Selenium	<4.8	NT	NT	NT	<4.8	10	*
Silver	<4	NT	NT	NT	<4	10	
Thallium	<1.3	NT	NT	NT	<1.3	0.4	
Zinc	<14	NT	NT	NT	<14	Monitor	
Cyanide	<6	NT	NT	NT	<6	40	
Cyanide Amenable	<6	NT	NT	NT	<6	Monitor	
1,1-Dichloroethane	21	NT	<0.32	<0.32	<0.32	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35	<0.35	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34	<0.34	0.7	
1,2-Dichloroethene Cis	41	NT	<0.27	<0.27	<0.27	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25	<0.25	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25	<0.25	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3	<0.3	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31	<0.31	0.5	
Toluene	<1.5	NT	<0.29	<0.29	<0.29	68	
1,1,1-Trichloroethane	131	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	440	NT	0.35	<0.34	<0.34	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2	<0.2	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53	<0.53	124	
COD	NT	NT	NT	NT	NT	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	NT	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	NT	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	NT	Monitor	mg/l

NT = Not Tested.
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* Requested that the lab re-run Selenium to verify the result. The result of re-running the Selenium was Less Than the Level of Detection.

OCONOMOWOC GROUNDWATER TREATMENT PLANT

EXTRACTION WELLS					Date:	(ug/l) June 2001
Parameter	EW-1	EW-2	EW-3	EW-4	EW-5	WW-1
pH	7.4	7.4	7.2	7.3	7.4	7.5
Arsenic	<5.6	<5.6	<5.6	<5.6	<5.6	<5.6
Barium	60	90	110	120	140	20
Cadmium	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Cadmium Total Recoverable	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Chromium +6	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2
Chromium Total	<8	8	10	10	10	<8
Copper	<6	<6	<6	<6	<6	<6
Iron	530	5,900	14,000	1,600	5,600	190
Lead	<1.5	<1.5	18	<1.5	<1.5	<1.5
Manganese	240	70	120	290	80	10
Mercury	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Nickel	20	<11	<11	70	<11	<11
Selenium	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Silver	<4	<4	<4	5	<4	4
Thallium	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Zinc	<14	30	<14	10	<14	30
Cyanide	<6	<6	<6	20	20	20
Cyanide Amenable	<6	<6	<6	<6	<6	<6
1,1-Dichloroethane	<0.32	1.9	13	59	32	<0.32
1,2-Dichloroethane	<0.35	<0.35	<0.35	<7	<3.5	<0.35
1,1-Dichloroethene	<0.34	<0.34	<0.34	<6.8	<3.4	<0.34
1,2-Dichloroethene Cis	<0.27	11	24	154	43	<0.27
1,2-Dichloroethene Tran	<0.25	<0.25	<0.25	97	<2.5	<0.25
Ethylbenzene	<0.25	<0.25	<0.25	<5	<2.5	<0.25
Methylene Chloride	<0.3	<0.3	<0.3	<6	<3	<0.3
Tetrachloroethene	<0.31	<0.31	<0.31	<6.2	<3.1	<0.31
Toluene	<0.29	<0.29	<0.29	<5.8	<2.9	<0.29
1,1,1-Trichloroethane	<0.31	<0.31	7.1	799	161	<0.31
1,1,2-Trichloroethane	<0.44	<0.44	<0.44	<8.8	<4.4	<0.44
TCE	6.2	12	88	2140	570	<0.34
Vinyl Chloride	<0.2	<0.2	<0.2	<4	<2	<0.2
Xylene Total	<0.53	<0.53	<0.53	<11	<5.3	<0.53

OCONOMOWOC GROUNDWATER TREATMENT PLANT

MONITORING WELL					Date:	(ug/l) June 2001	
Parameter	MW02DP	MW03SP	MW05P	MW05DP	MW06P	MW11BP	
pH	6.77	DRY	DRY	6.75	DRY	COVERED	
Conductivity	1314	NT	NT	1158	NT	NT	uMHOS/CM
Arsenic	<5.6	NT	NT	<5.6	NT	NT	
Barium	110	NT	NT	110	NT	NT	
Cadmium	<0.4	NT	NT	1.4	NT	NT	
Cadmium Total Recoverable	<0.4	NT	NT	<0.4	NT	NT	
Chromium +6	<4.2	NT	NT	<4.2	NT	NT	
Chromium Total	<8	NT	NT	10	NT	NT	
Copper	<6	NT	NT	30	NT	NT	
Iron	1100	NT	NT	3200	NT	NT	
Lead	<1.5	NT	NT	<1.5	NT	NT	
Manganese	30	NT	NT	120	NT	NT	
Mercury	<0.2	NT	NT	<0.2	NT	NT	
Nickel	<11	NT	NT	<11	NT	NT	
Selenium	<4.8	NT	NT	<4.8	NT	NT	
Silver	<4	NT	NT	<4	NT	NT	
Thallium	2.8	NT	NT	2.3	NT	NT	
Zinc	<14	NT	NT	70	NT	NT	
Cyanide	<6	NT	NT	<6	NT	NT	
Cyanide Free	<6	NT	NT	<6	NT	NT	
1,1-Dichloroethane	<0.32	NT	NT	<1.6	NT	NT	
1,2-Dichloroethane	<0.35	NT	NT	<1.8	NT	NT	
1,1-Dichloroethene	<0.34	NT	NT	<1.7	NT	NT	
1,2-Dichloroethene Cis	<0.27	NT	NT	70	NT	NT	
1,2-Dichloroethene Trans	<0.25	NT	NT	<1.3	NT	NT	
Ethylbenzene	<0.25	NT	NT	<1.3	NT	NT	
Methylene Chloride	<0.3	NT	NT	<1.5	NT	NT	
Tetrachloroethene	<0.31	NT	NT	<1.6	NT	NT	
Toluene	<0.29	NT	NT	<1.5	NT	NT	
1,1,1-Trichloroethane	<0.31	NT	NT	<1.6	NT	NT	
1,1,2-Trichloroethane	<0.44	NT	NT	<2.2	NT	NT	
TCE	<0.34	NT	NT	296	NT	NT	
Vinyl Chloride	<0.2	NT	NT	<1	NT	NT	
Xylene Total	<0.53	NT	NT	<2.7	NT	NT	
Temperature (C)	10.7	NT	NT	11.6	NT	NT	

MW05P, MW06P, & MW03SP Were Too Dry To Sample.

OCONOMOWOC GROUNDWATER TREATMENT PLANT

MONITORING WELL					Date:	(ug/l) June 2001	
Parameter	MW12BP	MW12DP	MW13SP	MW14DP	MW15DP	MW16SP	
pH	7.91	7.16	7.72	6.36	6.55	7.93	
Conductivity	1143	1291	712	539	1488	1877	uMHOS/CM
Arsenic	<5.6	10	<5.6	<5.6	<5.6	<5.6	
Barium	80	60	20	30	110	20	
Cadmium	0.98	<0.4	1.9	<0.4	<0.4	0.48	
Cadmium Total Recoverable	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	
Chromium +6	<4.2	<4.2	<4.2	<4.2	<4.2	<4.2	
Chromium Total	<8	<8	40	<8	<8	<8	
Copper	9	630	<6	10	<6	<6	
Iron	6100	2900	1800	<81	180	18,000	
Lead	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	
Manganese	10	70	100	60	220	270	
Mercury	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Nickel	<11	<11	60	<11	<11	<11	
Selenium	<4.8	<4.8	<4.8	<4.8	<4.8	7.9	
Silver	<4	<4	<4	<4	<4	<4	
Thallium	2.8	<1.3	3.3	12	2.3	<1.3	
Zinc	60	30	30	30	20	50	
Cyanide	<6	<6	<6	<6	<6	<6	
Cyanide Free	<6	<6	<6	<6	<6	<6	
1,1-Dichloroethane	<0.32	97	<0.32	<0.32	<0.32	<1.6	
1,2-Dichloroethane	<0.35	<0.35	<0.35	<0.35	<0.35	<1.8	
1,1-Dichloroethene	<0.34	30	<0.34	<0.34	<0.34	<1.7	
1,2-Dichloroethene Cis	<0.27	20	<0.27	<0.27	3.8	286	
1,2-Dichloroethene Trans	<0.25	7.1	<0.25	<0.25	<0.25	<1.3	
Ethylbenzene	<0.25	<0.25	<0.25	<0.25	<0.25	<1.3	
Methylene Chloride	<0.3	<0.3	<0.3	<0.3	<0.3	<1.5	
Tetrachloroethene	<0.31	<0.31	<0.31	<0.31	<0.31	<1.6	
Toluene	<0.29	<0.29	<0.29	<0.29	<0.29	<1.5	
1,1,1-Trichloroethane	<0.31	90	<0.31	<0.31	<0.31	<1.6	
1,1,2-Trichloroethane	<0.44	<0.44	<0.44	<0.44	<0.44	<2.2	
TCE	<0.34	16	<0.34	<0.34	18	<1.7	
Vinyl Chloride	<0.2	<0.2	<0.2	<0.2	<0.2	107	
Xylene Total	<0.53	<0.53	<0.53	<0.53	<0.53	<2.7	
Temperature (C)	11.5	11.1	9.9	13.7	12.1	13.1	

FLOW FROM EXTRACTION WELLS

YEAR: 2001

MONTH: June DAY	FE-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	9,614,268.00	22,687.00	0.023	
2	9,636,955.00	30,150.00	0.030	
3	9,667,105.00	44,050.00	0.044	
4	9,711,155.00	31,318.00	0.031	
5	9,742,473.00	32,940.00	0.033	
6	9,775,413.00	31,542.00	0.032	
7	9,806,955.00	30,312.00	0.030	
8	9,837,267.00	24,586.00	0.025	
9	9,861,853.00	32,975.00	0.033	
10	9,894,828.00	37,463.00	0.037	
11	9,932,291.00	28,918.00	0.029	
12	9,961,209.00	31,716.00	0.032	
13	9,992,925.00	28,814.83	0.029	
14	10,021,739.83	24,715.75	0.025	
15	10,046,455.58	29,458.01	0.029	
16	10,075,913.59	28,427.61	0.028	
17	10,104,341.20	28,964.30	0.029	
18	10,133,305.50	38,049.20	0.038	
19	10,171,354.70	26,630.30	0.027	
20	10,197,985.00	36,512.60	0.037	SHUT DOWN
21	10,234,497.60	27,172.20	0.027	
22	10,261,669.80	33,986.50	0.034	
23	10,295,656.30	36,377.80	0.036	
24	10,332,034.10	48,513.70	0.049	
25	10,380,547.80	36,193.30	0.036	
26	10,416,741.10	35,787.90	0.036	
27	10,452,529.00	34,986.30	0.035	
28	10,487,515.30	35,738.90	0.036	
29	10,523,254.20	26,793.90	0.027	
30	10,550,048.10	37,576.80	0.038	
July 01	10,587,624.90			
		TOTAL	0.975	
		AVERAGE	0.033	

FLOW FROM EXTRACTION WELLS

YEAR: 2001

MONTH: June DAY	FIT-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	4,026,191.90	21,521.50	0.022	
2	4,047,713.40	31,477.40	0.031	
3	4,079,190.80	44,695.70	0.045	
4	4,123,886.50	31,250.40	0.031	
5	4,155,136.90	33,045.70	0.033	
6	4,188,182.60	31,388.50	0.031	
7	4,219,571.10	30,168.00	0.030	
8	4,249,739.10	24,855.80	0.025	
9	4,274,594.90	33,349.20	0.033	
10	4,307,944.10	37,535.00	0.038	
11	4,345,479.10	28,803.00	0.029	
12	4,374,282.10	30,956.00	0.031	
13	4,405,238.10	29,655.00	0.030	
14	4,434,893.10	25,141.60	0.025	
15	4,460,034.70	29,114.20	0.029	
16	4,489,148.90	28,621.50	0.029	
17	4,517,770.40	30,282.70	0.030	
18	4,548,053.10	36,914.70	0.037	
19	4,584,967.80	26,748.90	0.027	
20	4,611,716.70	36,576.40	0.037	SHUT DOWN
21	4,648,293.10	27,230.50	0.027	
22	4,675,523.60	34,061.60	0.034	
23	4,709,585.20	36,462.30	0.036	
24	4,746,047.50	48,643.70	0.049	
25	4,794,691.20	36,329.70	0.036	
26	4,831,020.90	35,882.00	0.036	
27	4,866,902.90	35,111.50	0.035	
28	4,902,014.40	35,790.30	0.036	
29	4,937,804.70	26,876.20	0.027	
30	4,964,680.90	37,689.50	0.038	
July 01	5,002,370.40			
		TOTAL	0.977	
		AVERAGE	0.033	

FLOW FROM EQT-100

YEAR: 2001				
MONTH: June DAY	FE-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	7,533,217.00	28,909.00	0.029	
2	7,562,126.00	38,549.00	0.039	
3	7,600,675.00	57,296.00	0.057	
4	7,657,971.00	43,085.00	0.043	
5	7,701,056.00	46,654.00	0.047	SHUT DOWN
6	7,747,710.00	42,367.00	0.042	
7	7,790,077.00	35,799.00	0.036	
8	7,825,876.00	31,062.00	0.031	
9	7,856,938.00	45,165.00	0.045	
10	7,902,103.00	47,862.00	0.048	
11	7,949,965.00	36,721.00	0.037	
12	7,986,686.00	42,581.00	0.043	SHUT DOWN
13	8,029,267.00	36,824.00	0.037	
14	8,066,091.00	31,962.00	0.032	
15	8,098,053.00	37,537.00	0.038	
16	8,135,590.00	38,447.00	0.038	
17	8,174,037.00	37,143.00	0.037	
18	8,211,180.00	48,770.00	0.049	
19	8,259,950.00	39,707.00	0.040	
20	8,299,657.00	43,292.00	0.043	
21	8,342,949.00	35,131.00	0.035	
22	8,378,080.00	44,240.00	0.044	
23	8,422,320.00	47,594.00	0.048	
24	8,469,914.00	64,843.00	0.065	
25	8,534,757.00	48,263.00	0.048	
26	8,583,020.00	45,485.00	0.045	
27	8,628,505.00	48,047.00	0.048	
28	8,676,552.00	44,374.00	0.044	
29	8,720,926.00	31,916.00	0.032	
30	8,752,842.00	47,755.00	0.048	
July 01	8,800,597.00			
		TOTAL	1.268	
		AVERAGE	0.042	

FLOW FROM EQT-100

YEAR: 2001				
MONTH: June DAY	FIT-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	7,794,636.90	27,108.40	0.027	
2	7,821,745.30	40,284.70	0.040	
3	7,862,030.00	57,669.10	0.058	
4	7,919,699.10	42,810.00	0.043	
5	7,962,509.10	47,230.00	0.047	SHUT DOWN
6	8,009,739.10	42,429.80	0.042	
7	8,052,168.90	35,845.00	0.036	
8	8,088,013.90	31,219.10	0.031	
9	8,119,233.00	45,266.20	0.045	
10	8,164,499.20	47,927.10	0.048	
11	8,212,426.30	36,836.50	0.037	
12	8,249,262.80	41,590.10	0.042	SHUT DOWN
13	8,290,852.90	37,983.30	0.038	
14	8,328,836.20	32,467.70	0.032	
15	8,361,303.90	37,005.30	0.037	
16	8,398,309.20	38,794.20	0.039	
17	8,437,103.40	38,761.90	0.039	
18	8,475,865.30	47,326.20	0.047	
19	8,523,191.50	39,951.90	0.040	
20	8,563,143.40	43,339.80	0.043	
21	8,606,483.20	35,189.00	0.035	
22	8,641,672.20	44,216.60	0.044	
23	8,685,888.80	47,739.60	0.048	
24	8,733,628.40	65,019.10	0.065	
25	8,798,647.50	48,470.70	0.048	
26	8,847,118.20	45,405.20	0.045	
27	8,892,523.40	48,247.50	0.048	
28	8,940,770.90	44,360.00	0.044	
29	8,985,130.90	32,082.90	0.032	
30	9,017,213.80	47,860.20	0.048	
July 01	9,065,074.00			
		TOTAL	1.268	
		AVERAGE	0.042	

EFFLUENT FLOW FROM PLANT

YEAR: 2001				
MONTH: June DAY	NPDES STATION TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	2,087,547.00	24,658.00	0.025	
2	2,112,205.00	29,032.00	0.029	
3	2,141,237.00	41,004.00	0.041	
4	2,182,241.00	32,857.00	0.033	
5	2,215,098.00	35,339.00	0.035	SHUT DOWN
6	2,250,437.00	33,683.00	0.034	
7	2,284,120.00	25,623.00	0.026	
8	2,309,743.00	26,925.00	0.027	
9	2,336,668.00	36,233.00	0.036	
10	2,372,901.00	35,163.00	0.035	
11	2,408,064.00	28,396.00	0.028	
12	2,436,460.00	34,868.00	0.035	SHUT DOWN
13	2,471,328.00	28,011.00	0.028	
14	2,499,339.00	24,013.00	0.024	
15	2,523,352.00	32,366.00	0.032	
16	2,555,718.00	27,328.00	0.027	
17	2,583,046.00	29,035.00	0.029	
18	2,612,081.00	34,395.00	0.034	
19	2,646,476.00	31,039.00	0.031	
20	2,677,515.00	33,114.00	0.033	
21	2,710,629.00	25,768.00	0.026	
22	2,736,397.00	38,678.00	0.039	
23	2,775,075.00	37,199.00	0.037	
24	2,812,274.00	50,199.00	0.050	
25	2,862,473.00	39,624.00	0.040	
26	2,902,097.00	35,971.00	0.036	
27	2,938,068.00	40,019.00	0.040	
28	2,978,087.00	35,496.00	0.035	
29	3,013,583.00	29,303.00	0.029	
30	3,042,886.00	37,423.00	0.037	
July 01	3,080,309.00			
		TOTAL	0.991	
		AVERAGE	0.033	

MONITOR WELL DEPTHS

OCONOMOWOC GROUNDWATER TREATMENT PLANT						
MONITORING WELLS			WATER LEVEL		FEET	
DATE	MW02DP	MW03SP	MW05P	MW05DP	MW06P	MW11BP
July 31, 1998	6.64	DRY	3.74	4.26	8.00	COVERED
Aug. 31, 1998	7.70	DRY	DRY	5.34	8.70	COVERED
Sept. 17, 1998	7.50	DRY	DRY	5.00	8.66	COVERED
Oct. 7, 1998	6.50	DRY	3.75	4.10	8.34	COVERED
Nov. 23, 1998	6.66	DRY	DRY	4.37	8.17	COVERED
Dec. 15, 1998	5.90	DRY	3.40	3.75	8.20	COVERED
Jan. 18, 1999	6.60	DRY	3.75	4.72	8.25	COVERED
Feb. 3, 1999	5.36	6.10	3.15	2.90	7.15	COVERED
Mar. 3-4, 1999	5.51	DRY	3.20	3.04	7.40	COVERED
Apr. 15, 1999	5.30	6.20	3.25	4.40	6.92	COVERED
May 10, 1999	5.50	6.35	3.35	3.40	7.05	COVERED
June 18, 1999	4.95	6.05	3.00	3.22	6.81	COVERED
July 13, 1999	6.30	DRY	3.80	4.05	7.90	COVERED
August 06, 1999	6.37	DRY	3.58	4.00	7.65	COVERED
Sept. 15, 20, 1999	7.68	DRY	DRY	5.60	DRY	COVERED
October 06, 1999	6.60	DRY	3.84	4.14	DRY	COVERED
November 9,1999	7.78	DRY	DRY	5.48	DRY	COVERED
December 6-7, 1999	6.70	DRY	DRY	4.50	DRY	COVERED
January 7, 2000	7.50	DRY	DRY	5.10	DRY	COVERED
February 7, 2000	7.60	DRY	DRY	5.25	DRY	COVERED
March 8, 2000	6.81	6.40	4.30	4.24	6.82	COVERED
April 6, 2000	6.95	6.16	4.42	4.87	6.42	COVERED
May 3, 2000	6.63	DRY	3.98	4.42	DRY	COVERED
June 1, 2000	4.40	3.14	4.30	2.36	6.26	COVERED
July 3, 2000	4.97	4.81	2.84	2.85	DRY	COVERED
August 3, 2000	6.94	DRY	4.85	4.46	DRY	COVERED
September 6-7, 2000	6.92	DRY	4.29	4.75	DRY	COVERED
October 4, 2000	6.57	DRY	3.89	4.29	DRY	COVERED
November 2, 2000	7.16	DRY	DRY	4.99	DRY	COVERED
December 4, 7, & 11, 2000	6.81	DRY	DRY	4.59	DRY	COVERED
January 5, 2001	6.74	5.85	4.52	4.41	DRY	COVERED
February 5, 2001	6.63	DRY	4.02	5.00	DRY	COVERED
March 1 & 5, 2001	5.40	DRY	3.02	3.49	DRY	COVERED
April 02, 2001	5.41	DRY	3.37	3.69	DRY	COVERED
May 1, 2001	6.12	DRY	3.58	4.09	DRY	COVERED
June 6-8, 2001	5.68	DRY	3.83	3.78	DRY	COVERED

MONITOR WELL DEPTHS

OCONOMOWOC GROUNDWATER TREATMENT PLANT						
MONITORING WELLS		WATER LEVEL	FEET			
DATE	MW12BP	MW12DP	MW13SP	MW14DP	MW15DP	MW16SP
July 31, 1998	4.75	3.78	5.75	4.80	10.49	UNACCESS.
Aug. 31, 1998	5.64	4.48	6.38	4.80	11.64	UNACCESS.
Sept. 17, 1998	5.35	3.20	6.31	4.86	11.10	UNACCESS.
Oct. 7, 1998	4.75	3.65	5.79	4.75	10.60	UNACCESS.
Nov. 23, 1998	4.73	3.70	5.82	4.56	10.46	UNACCESS.
Dec. 15, 1998	4.10	3.00	5.85	4.70	9.95	UNACCESS.
Jan. 18, 1999	4.70	3.70	5.70	5.00	10.50	UNACCESS.
Feb. 3, 1999	3.50	2.48	4.85	3.00	9.27	UNACCESS.
Mar. 3-4, & 16, 1999	3.50	2.70	5.15	3.40	9.20	2.95
Apr. 15,1999	3.61	3.20	4.84	2.60	9.25	2.63
May 10, 1999	3.85	3.05	4.95	2.80	9.45	3.80
June 18, 1999	3.71	3.75	4.87	2.49	9.29	2.81
July 13-14, 1999	4.50	3.65	5.74	3.82	10.19	3.05
August 06, 1999	4.62	3.59	5.48	3.26	10.17	3.32
Sept.13,15,20,23,' 99	6.00	4.90	6.51	4.80	10.95	4.17
October 06, 1999	4.80	3.80	6.00	4.56	10.70	3.40
November 9, 1999	5.80	4.72	6.52	5.63	11.50	5.64
December 6-7, 1999	4.41	3.50	6.17	5.30	10.28	3.10
January 7, 2000	4.40	5.45	6.35	5.60	11.00	4.60
February 7, 2000	5.70	4.65	6.65	5.90	11.50	4.00
March 8-9, 2000	4.52	3.42	5.29	4.24	10.32	2.61
April 6, 2000	4.51	3.95	5.91	4.79	10.15	3.31
May 3, 2000	4.75	3.62	5.76	4.19	10.51	3.15
June 6-7, 2000	3.27	2.20	4.23	1.52	8.98	2.51
July 3, 2000	4.30	2.09	2.10	2.16	8.85	2.50
August 3, 2000	5.03	3.98	5.93	3.41	10.89	4.41
September 6-7, 2000	5.09	3.95	6.01	4.51	11.26	3.39
October 4-5, 2000	4.67	3.60	5.65	4.09	10.43	3.08
November 2, 2000	5.20	4.13	6.07	4.94	11.03	3.42
December 7 & 11, 2000	4.81	3.77	5.85	4.69	10.63	3.25
January 5, 2001	4.86	3.69	5.89	5.41	10.65	3.03
February 5, 2001	4.65	3.54	5.55	4.52	10.47	2.45
March 1, 7, & 8, 2001	3.81	2.74	4.84	2.51	9.26	2.82
April 02, 2001	3.95	2.86	4.87	2.72	9.57	2.55
May 1, 2001	4.31	3.22	5.01	2.92	9.8	2.92
June 6-7, 2001	3.92	2.87	4.89	2.78	9.59	2.61

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010352
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
COD. Total	**11**	**mg/l**		3.4	11	410.4-CT	ta	6/6/2001	*997278*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.3**	**s.u.**	#			150.1	ogtp	6/4/2001	*997162*	
Solids, Total Suspended	**6**	**mg/l**		1	3.2	SM 2540D	jb	6/12/2001	*997206*	

Sample Number: 24365 Matrix: GW
Client ID: **04WA01Q**
Collection: 6/4/2001 Time: 08:40
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.1**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**0.007**	**mg/l**	***J*** **RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**0.89**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.15**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.03**	**mg/l**	***J*** **RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**2.3**	**ug/l**	***J*** **RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.01**	**mg/l**	***J*** **RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
COD. Total	**11**	**mg/l**		3.4	11	410.4-CT	ta	6/6/2001	*997278*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.3**	**s.u.**	#			150.1	ogtp	6/4/2001	*997162*	
Solids, Total Suspended	**5.5**	**mg/l**		1	3.2	SM 2540D	jb	6/12/2001	*997206*	

Sample Number: 24366 Matrix: GW
Client ID: **04EW01P**
Collection: 6/4/2001 Time: 09:40
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.06**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**0.53**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.24**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.02**	**mg/l**	***J* RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.4**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	

Sample Number: 24367 Matrix: GW
Client ID: **04EW02P**
Collection: 6/4/2001 Time: 09:50
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.09**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**0.008**	**mg/l**	***J* RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**5.9**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.07**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.03**	**mg/l**	***J* RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.4**	**s.u.**	#			150.1	ogtp	6/4/2001	*997162*	

Sample Number: 24368 Matrix: GW
Client ID: **04EW03P**
Collection: 6/4/2001 Time: 10:10
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**0.01**	**mg/l**	*J* **RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**14**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**18**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.12**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.2**	**s.u.**	#			150.1	ogtp	6/4/2001	*997162*	

Sample Number: 24369 Matrix: GW
Client ID: **04EW04P**
Collection: 6/4/2001 Time: 10:00
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.12**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**0.01**	**mg/l**	*J* **RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**1.6**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Manganese - ICAP	**0.29**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.07**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**0.005**	**mg/l**	***J* RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.01**	**mg/l**	***J* RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**0.02**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.3**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	

Sample Number: 24370 Matrix: GW
Client ID: **04EW05P**
Collection: 6/4/2001 Time: 10:15
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.14**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**0.01**	**mg/l**	***J* RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**5.6**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.08**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**0.02**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.4**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010352
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24371 Matrix: GW
Client ID: **04WW01P**
Collection: 6/4/2001 Time: 09:30
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	jb	6/5/2001	997152	
Barium - ICAP	0.28	mg/l	RJ	0.007	0.02	200.7	bb	6/6/2001	997171	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jb	6/12/2001	997207	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	6/6/2001	997171	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Iron - ICAP	0.19	mg/l	J RJ	0.081	0.26	200.7	bb	6/6/2001	997171	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jb	6/12/2001	997217	
Manganese - ICAP	0.01	mg/l	J RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Mercury CV	<20	ng/l	RJ	20	64	245.1	bb	6/27/2001	997431	
Nickel - ICAP	<0.011	mg/l	RJ	0.011	0.03	200.7	bb	6/6/2001	997171	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jb	6/13/2001	997226	
Silver - ICAP	0.004	mg/l	J RJ	0.004	0.01	200.7	bb	6/6/2001	997171	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	jb	6/14/2001	997266	
Zinc - ICAP	0.03	mg/l	J RJ	0.014	0.04	200.7	bb	6/6/2001	997171	
Chromium, Hexavalent	<0.0042	mg/l		0.004	0.01	SM 3500D	ta	6/5/2001	997274	
Cyanide, Amenable	<0.006	mg/l	RJ	0.006	0.02	335.2	bb	6/16/2001	997427	
Cyanide, Total	0.02	mg/l	RJ	0.006	0.02	335.2		6/11/2001	997188	
pH (water)	7.5	s.u.	#			150.1	ogtp	6/4/2001	997162	

Sample Number: 24372 Matrix: GW
Client ID: **04WA05P**
Collection: 6/4/2001 Time: 08:45
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	jb	6/5/2001	997152	
Barium - ICAP	0.02	mg/l	J RJ	0.007	0.02	200.7	bb	6/6/2001	997171	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jb	6/12/2001	997207	
Chromium, Total - ICAP	0.12	mg/l	RJ	0.008	0.03	200.7	bb	6/6/2001	997171	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Iron - ICAP	1.1	mg/l	RJ	0.081	0.26	200.7	bb	6/6/2001	997171	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jb	6/12/2001	997217	
Manganese - ICAP	0.02	mg/l	RJ	0.006	0.02	200.7	bb	6/6/2001	997171	
Mercury CV	<20	ng/l	RJ	20	64	245.1	bb	6/27/2001	997431	
Nickel - ICAP	0.01	mg/l	J RJ	0.011	0.03	200.7	bb	6/6/2001	997171	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**0.004**	**mg/l**	***J* RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
pH (water)	**7.8**	**s.u.**	#			150.1	ogtp	6/4/2001	*997162*	

Sample Number: 24373 Matrix: GW
Client ID: **04WA07P**
Collection: 6/4/2001 Time: 08:48
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.01**	**mg/l**	***J* RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**<0.077**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.006**	**mg/l**	***J* RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.01**	**mg/l**	***J* RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	

Sample Number: 24374 Matrix: GW
Client ID: **04WA09 R**
Collection: 6/4/2001 Time:
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.01**	**mg/l**	***J* RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**<0.007**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**0.004**	**mg/l**	***J* RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.02**	**mg/l**	***J* RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	
COD. Total	**<3.4**	**mg/l**		3.4	11	410.4-CT	ta	6/6/2001	*997277*	
Nitrate + Nitrite Nitrogen	**1.4**	**mg/l**		0.03	0.10	353.3	ta	6/13/2001	*997276*	
Nitrogen, Ammonia	**<0.1**	**mg/l**		0.1	0.32	350.1	ta	6/8/2001	*997279*	
Phosphorus, Total	**<0.1**	**mg/l**		0.1	0.32	365.2	ta	6/14/2001	*997280*	
Solids, Total Suspended	**4.5**	**mg/l**		1	3.2	SM 2540D	jb	6/12/2001	*997206*	

Approved By: _____ **Date:** 7/16/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

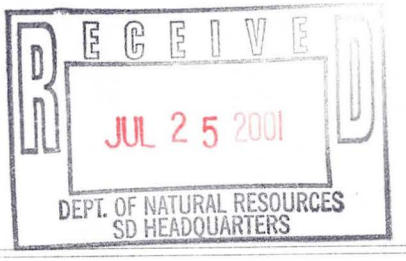
APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223



Sample Number: 24363
Client ID: 04WA09P

QC Prep Batch Number: 997282

Collection: 6/4/2001 Time: 09:10
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24364 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 08:40
Client ID: 04WA01P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	100	ug/l	1.6	4.9	5		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	tm	/ 6/5/2001
1,1-Dichloroethane	15	ug/l	1.6	5.1	5		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	tm	/ 6/5/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	tm	/ 6/5/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	tm	/ 6/5/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	tm	/ 6/5/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	tm	/ 6/5/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	tm	/ 6/5/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	tm	/ 6/5/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	tm	/ 6/5/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	tm	/ 6/5/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	tm	/ 6/5/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	tm	/ 6/5/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	tm	/ 6/5/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	30	ug/l	1.4	4.3	5		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	tm	/ 6/5/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	tm	/ 6/5/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	tm	/ 6/5/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	tm	/ 6/5/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	tm	/ 6/5/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	tm	/ 6/5/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	tm	/ 6/5/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	tm	/ 6/5/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	tm	/ 6/5/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	tm	/ 6/5/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	tm	/ 6/5/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	tm	/ 6/5/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	tm	/ 6/5/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	tm	/ 6/5/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	tm	/ 6/5/2001
Trichloroethene	382	ug/l	1.7	5.4	5		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	tm	/ 6/5/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	tm	/ 6/5/2001

Sample Number: 24365 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time:08:40
Client ID: 04WA01Q Sample Description:

1,1,1,2-Tetrachloroethane	< 0.88	ug/l	0.88	2.8	4		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	37	ug/l	1.2	3.9	4		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 1.8	ug/l	1.8	5.6	4		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 1.8	ug/l	1.8	5.6	4		8260	tm	/ 6/5/2001
1,1-Dichloroethane	15	ug/l	1.3	4.1	4		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 1.4	ug/l	1.4	4.3	4		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 1.7	ug/l	1.7	5.5	4		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 2.0	ug/l	2.0	6.4	4		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 2.0	ug/l	2.0	6.5	4		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 1.9	ug/l	1.9	6.0	4		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 1.2	ug/l	1.2	3.8	4		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 1.8	ug/l	1.8	5.9	4		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 1.4	ug/l	1.4	4.3	4		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 1.4	ug/l	1.4	4.5	4		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 1.3	ug/l	1.3	4.1	4		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.3	4		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 1.0	ug/l	1.0	3.3	4		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 1.6	ug/l	1.6	5.0	4		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 1.4	ug/l	1.4	4.6	4		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 1.3	ug/l	1.3	4.2	4		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 1.1	ug/l	1.1	3.4	4		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 5.5	ug/l	5.5	18	4		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 2.8	ug/l	2.8	8.9	4		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 1.2	ug/l	1.2	3.8	4		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 1.0	ug/l	1.0	3.3	4		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 3.2	ug/l	3.2	10	4		8260	tm	/ 6/5/2001
Acetone	< 6.2	ug/l	6.2	20	4		8260	tm	/ 6/5/2001
Benzene	2.4	ug/l	1.1	3.4	4	J	8260	tm	/ 6/5/2001
Bromobenzene	< 1.2	ug/l	1.2	3.9	4		8260	tm	/ 6/5/2001
Bromochloromethane	< 1.5	ug/l	1.5	4.7	4		8260	tm	/ 6/5/2001
Bromodichloromethane	< 1.5	ug/l	1.5	4.8	4		8260	tm	/ 6/5/2001
Bromoform	< 1.6	ug/l	1.6	5.0	4		8260	tm	/ 6/5/2001
Bromomethane	< 2.6	ug/l	2.6	8.3	4		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 1.1	ug/l	1.1	3.4	4		8260	tm	/ 6/5/2001
Chlorobenzene	< 1.0	ug/l	1.0	3.3	4		8260	tm	/ 6/5/2001
Chloroethane	< 2.6	ug/l	2.6	8.1	4		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.96	ug/l	0.96	3.1	4		8260	tm	/ 6/5/2001
Chloromethane	< 2.0	ug/l	2.0	6.2	4		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	26	ug/l	1.1	3.4	4		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 1.5	ug/l	1.5	4.7	4		8260	tm	/ 6/5/2001
Dibromochloromethane	< 1.6	ug/l	1.6	5.2	4		8260	tm	/ 6/5/2001
Dibromomethane	< 1.8	ug/l	1.8	5.9	4		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 1.1	ug/l	1.1	3.4	4		8260	tm	/ 6/5/2001
Ethylbenzene	1.4	ug/l	1.0	3.2	4	J	8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 1.7	ug/l	1.7	5.3	4		8260	tm	/ 6/5/2001
Isopropyl Ether	< 1.2	ug/l	1.2	3.8	4		8260	tm	/ 6/5/2001
Isopropylbenzene	< 1.3	ug/l	1.3	4.2	4		8260	tm	/ 6/5/2001
m&p-xylene	6.6	ug/l	2.1	6.7	4	J	8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 1.6	ug/l	1.6	5.0	4		8260	tm	/ 6/5/2001
Methylene chloride	< 1.2	ug/l	1.2	3.8	4		8260	tm	/ 6/5/2001
n-Butylbenzene	< 1.4	ug/l	1.4	4.6	4		8260	tm	/ 6/5/2001
n-Propylbenzene	< 1.1	ug/l	1.1	3.6	4		8260	tm	/ 6/5/2001
Naphthalene	< 3.0	ug/l	3.0	9.5	4		8260	tm	/ 6/5/2001
o-xylene	3.1	ug/l	1.0	3.2	4	J	8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 1.2	ug/l	1.2	3.9	4		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 1.4	ug/l	1.4	4.3	4		8260	tm	/ 6/5/2001
Styrene	< 1.0	ug/l	1.0	3.2	4		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 1.2	ug/l	1.2	3.8	4		8260	tm	/ 6/5/2001
Tetrachloroethene	< 1.2	ug/l	1.2	3.9	4		8260	tm	/ 6/5/2001
Toluene	< 1.2	ug/l	1.2	3.7	4		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 1.0	ug/l	1.0	3.2	4		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 1.0	ug/l	1.0	3.3	4		8260	tm	/ 6/5/2001
Trichloroethene	163	ug/l	1.4	4.3	4		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.96	ug/l	0.96	3.1	4		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.80	ug/l	0.80	2.5	4		8260	tm	/ 6/5/2001

Sample Number: 24366 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 09:40
Client ID: 04EW01P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	6.2	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24367 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 09:50
Client ID: 04EW02P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	1.9	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	11	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	12	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24368 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 10:10
Client ID: 04EW03P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	7.1	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	13	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	24	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	88	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24369 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 10:00
Client ID: 04EW04P Sample Description:

1,1,1,2-Tetrachloroethane	< 4.4	ug/l	4.4	14	20		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	799	ug/l	6.2	20	20		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 8.8	ug/l	8.8	28	20		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 8.8	ug/l	8.8	28	20		8260	tm	/ 6/5/2001
1,1-Dichloroethane	59	ug/l	6.4	20	20		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 6.8	ug/l	6.8	22	20		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 8.6	ug/l	8.6	27	20		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 10	ug/l	10	32	20		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 10	ug/l	10	32	20		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 9.4	ug/l	9.4	30	20		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 6.0	ug/l	6.0	19	20		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 9.2	ug/l	9.2	29	20		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 6.8	ug/l	6.8	22	20		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 7.0	ug/l	7.0	22	20		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 6.4	ug/l	6.4	20	20		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 6.8	ug/l	6.8	22	20		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 5.2	ug/l	5.2	17	20		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 7.8	ug/l	7.8	25	20		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 7.2	ug/l	7.2	23	20		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 6.6	ug/l	6.6	21	20		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 5.4	ug/l	5.4	17	20		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 28	ug/l	28	88	20		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 14	ug/l	14	45	20		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 6.0	ug/l	6.0	19	20		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 5.2	ug/l	5.2	17	20		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 16	ug/l	16	51	20		8260	tm	/ 6/5/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Acetone	< 31	ug/l	31	99	20		8260	tm	/ 6/5/2001
Benzene	< 5.4	ug/l	5.4	17	20		8260	tm	/ 6/5/2001
Bromobenzene	< 6.2	ug/l	6.2	20	20		8260	tm	/ 6/5/2001
Bromochloromethane	< 7.4	ug/l	7.4	24	20		8260	tm	/ 6/5/2001
Bromodichloromethane	< 7.6	ug/l	7.6	24	20		8260	tm	/ 6/5/2001
Bromoform	< 7.8	ug/l	7.8	25	20		8260	tm	/ 6/5/2001
Bromomethane	< 13	ug/l	13	41	20		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 5.4	ug/l	5.4	17	20		8260	tm	/ 6/5/2001
Chlorobenzene	< 5.2	ug/l	5.2	17	20		8260	tm	/ 6/5/2001
Chloroethane	< 13	ug/l	13	41	20		8260	tm	/ 6/5/2001
Chloroform	< 4.8	ug/l	4.8	15	20		8260	tm	/ 6/5/2001
Chloromethane	< 9.8	ug/l	9.8	31	20		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	154	ug/l	5.4	17	20		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 7.4	ug/l	7.4	24	20		8260	tm	/ 6/5/2001
Dibromochloromethane	< 8.2	ug/l	8.2	26	20		8260	tm	/ 6/5/2001
Dibromomethane	< 9.2	ug/l	9.2	29	20		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 5.4	ug/l	5.4	17	20		8260	tm	/ 6/5/2001
Ethylbenzene	< 5.0	ug/l	5.0	16	20		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 8.4	ug/l	8.4	27	20		8260	tm	/ 6/5/2001
Isopropyl Ether	< 6.0	ug/l	6.0	19	20		8260	tm	/ 6/5/2001
Isopropylbenzene	< 6.6	ug/l	6.6	21	20		8260	tm	/ 6/5/2001
m&p-xylene	< 11	ug/l	11	34	20		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 7.8	ug/l	7.8	25	20		8260	tm	/ 6/5/2001
Methylene chloride	< 6.0	ug/l	6.0	19	20		8260	tm	/ 6/5/2001
n-Butylbenzene	< 7.2	ug/l	7.2	23	20		8260	tm	/ 6/5/2001
n-Propylbenzene	< 5.6	ug/l	5.6	18	20		8260	tm	/ 6/5/2001
Naphthalene	< 15	ug/l	15	48	20		8260	tm	/ 6/5/2001
o-xylene	< 5.0	ug/l	5.0	16	20		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 6.2	ug/l	6.2	20	20		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 6.8	ug/l	6.8	22	20		8260	tm	/ 6/5/2001
Styrene	< 5.0	ug/l	5.0	16	20		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 6.0	ug/l	6.0	19	20		8260	tm	/ 6/5/2001
Tetrachloroethene	< 6.2	ug/l	6.2	20	20		8260	tm	/ 6/5/2001
Toluene	< 5.8	ug/l	5.8	18	20		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	97	ug/l	5.0	16	20		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 5.2	ug/l	5.2	17	20		8260	tm	/ 6/5/2001
Trichloroethene	2140	ug/l	6.8	22	20		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 4.8	ug/l	4.8	15	20		8260	tm	/ 6/5/2001
Vinyl chloride	< 4.0	ug/l	4.0	13	20		8260	tm	/ 6/5/2001

Sample Number: 24370 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 10:15
Client ID: 04EW05P Sample Description:

1,1,1,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	10		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1-Trichloroethane	161	ug/l	3.1	9.9	10		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 4.4	ug/l	4.4	14	10		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 4.4	ug/l	4.4	14	10		8260	tm	/ 6/5/2001
1,1-Dichloroethane	32	ug/l	3.2	10	10		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 3.4	ug/l	3.4	11	10		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 4.3	ug/l	4.3	14	10		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 5.0	ug/l	5.0	16	10		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 5.1	ug/l	5.1	16	10		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 4.7	ug/l	4.7	15	10		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 3.0	ug/l	3.0	9.5	10		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 4.6	ug/l	4.6	15	10		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 3.4	ug/l	3.4	11	10		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 3.5	ug/l	3.5	11	10		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 3.2	ug/l	3.2	10	10		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 3.4	ug/l	3.4	11	10		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 2.6	ug/l	2.6	8.3	10		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 3.9	ug/l	3.9	12	10		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 3.6	ug/l	3.6	11	10		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 3.3	ug/l	3.3	10	10		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 2.7	ug/l	2.7	8.6	10		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 14	ug/l	14	44	10		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 7.0	ug/l	7.0	22	10		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 3.0	ug/l	3.0	9.5	10		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 2.6	ug/l	2.6	8.3	10		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 8.0	ug/l	8.0	25	10		8260	tm	/ 6/5/2001
Acetone	< 16	ug/l	16	49	10		8260	tm	/ 6/5/2001
Benzene	< 2.7	ug/l	2.7	8.6	10		8260	tm	/ 6/5/2001
Bromobenzene	< 3.1	ug/l	3.1	9.9	10		8260	tm	/ 6/5/2001
Bromochloromethane	< 3.7	ug/l	3.7	12	10		8260	tm	/ 6/5/2001
Bromodichloromethane	< 3.8	ug/l	3.8	12	10		8260	tm	/ 6/5/2001
Bromoform	< 3.9	ug/l	3.9	12	10		8260	tm	/ 6/5/2001
Bromomethane	< 6.5	ug/l	6.5	21	10		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 2.7	ug/l	2.7	8.6	10		8260	tm	/ 6/5/2001
Chlorobenzene	< 2.6	ug/l	2.6	8.3	10		8260	tm	/ 6/5/2001
Chloroethane	< 6.4	ug/l	6.4	20	10		8260	tm	/ 6/5/2001
Chloroform	< 2.4	ug/l	2.4	7.6	10		8260	tm	/ 6/5/2001
Chloromethane	< 4.9	ug/l	4.9	16	10		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	43	ug/l	2.7	8.6	10		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 3.7	ug/l	3.7	12	10		8260	tm	/ 6/5/2001
Dibromochloromethane	< 4.1	ug/l	4.1	13	10		8260	tm	/ 6/5/2001
Dibromomethane	< 4.6	ug/l	4.6	15	10		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 2.7	ug/l	2.7	8.6	10		8260	tm	/ 6/5/2001
Ethylbenzene	< 2.5	ug/l	2.5	8.0	10		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 4.2	ug/l	4.2	13	10		8260	tm	/ 6/5/2001
Isopropyl Ether	< 3.0	ug/l	3.0	9.5	10		8260	tm	/ 6/5/2001

APL INC.
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Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Isopropylbenzene	< 3.3	ug/l	3.3	10	10		8260	tm	/ 6/5/2001
m&p-xylene	< 5.3	ug/l	5.3	17	10		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 3.9	ug/l	3.9	12	10		8260	tm	/ 6/5/2001
Methylene chloride	< 3.0	ug/l	3.0	9.5	10		8260	tm	/ 6/5/2001
n-Butylbenzene	< 3.6	ug/l	3.6	11	10		8260	tm	/ 6/5/2001
n-Propylbenzene	< 2.8	ug/l	2.8	8.9	10		8260	tm	/ 6/5/2001
Naphthalene	< 7.5	ug/l	7.5	24	10		8260	tm	/ 6/5/2001
o-xylene	< 2.5	ug/l	2.5	8.0	10		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 3.1	ug/l	3.1	9.9	10		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 3.4	ug/l	3.4	11	10		8260	tm	/ 6/5/2001
Styrene	< 2.5	ug/l	2.5	8.0	10		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 3.0	ug/l	3.0	9.5	10		8260	tm	/ 6/5/2001
Tetrachloroethene	< 3.1	ug/l	3.1	9.9	10		8260	tm	/ 6/5/2001
Toluene	< 2.9	ug/l	2.9	9.2	10		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 2.5	ug/l	2.5	8.0	10		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 2.6	ug/l	2.6	8.3	10		8260	tm	/ 6/5/2001
Trichloroethene	570	ug/l	3.4	11	10		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 2.4	ug/l	2.4	7.6	10		8260	tm	/ 6/5/2001
Vinyl chloride	< 2.0	ug/l	2.0	6.4	10		8260	tm	/ 6/5/2001

Sample Number: 24371 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 09:30
Client ID: 04WW01P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24373 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 08:48
Client ID: 04WA07P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24375
Client ID: 04WA08P

QC Prep Batch Number: 997282

Collection: 6/4/2001 Time: 08:52
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	tm	/ 6/5/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	tm	/ 6/5/2001

Sample Number: 24376 QC Prep Batch Number: 997282 Collection: 6/4/2001 Time: 09:02
Client ID: TRIP BLANK Sample Description: LAB PR

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	tm	/ 6/5/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	tm	/ 6/5/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	tm	/ 6/5/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	tm	/ 6/5/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	tm	/ 6/5/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	tm	/ 6/5/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	tm	/ 6/5/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	tm	/ 6/5/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	tm	/ 6/5/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	tm	/ 6/5/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	tm	/ 6/5/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	tm	/ 6/5/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	tm	/ 6/5/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	tm	/ 6/5/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	tm	/ 6/5/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	tm	/ 6/5/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	tm	/ 6/5/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	tm	/ 6/5/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	tm	/ 6/5/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	tm	/ 6/5/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	tm	/ 6/5/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	tm	/ 6/5/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	tm	/ 6/5/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	tm	/ 6/5/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	tm	/ 6/5/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010352**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	**ug/l**	0.24	0.76	1		8260	tm	/ 6/5/2001
Chloromethane	< 0.49	**ug/l**	0.49	1.6	1		8260	tm	/ 6/5/2001
cis-1,2-Dichloroethene	< 0.27	**ug/l**	0.27	0.86	1		8260	tm	/ 6/5/2001
cis-1,3-Dichloropropene	< 0.37	**ug/l**	0.37	1.2	1		8260	tm	/ 6/5/2001
Dibromochloromethane	< 0.41	**ug/l**	0.41	1.3	1		8260	tm	/ 6/5/2001
Dibromomethane	< 0.46	**ug/l**	0.46	1.5	1		8260	tm	/ 6/5/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	tm	/ 6/5/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	tm	/ 6/5/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	tm	/ 6/5/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	tm	/ 6/5/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	tm	/ 6/5/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	tm	/ 6/5/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	tm	/ 6/5/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	tm	/ 6/5/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	tm	/ 6/5/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	tm	/ 6/5/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	tm	/ 6/5/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	tm	/ 6/5/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	tm	/ 6/5/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	tm	/ 6/5/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	tm	/ 6/5/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	tm	/ 6/5/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	tm	/ 6/5/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	tm	/ 6/5/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	tm	/ 6/5/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	tm	/ 6/5/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	tm	/ 6/5/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	tm	/ 6/5/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	tm	/ 6/5/2001

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ORGANIC REPORT

WDNR# 241340550

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DATE REPORTED:	28-Jun-01
DATE RECEIVED:	04-Jun-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 6/28/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations. DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010352**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 04-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24361	Matrix: GW						Collection: 6/4/2001		Time: 08:40	
Client ID: **04WA02P**							Sample Description:			
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**9.6**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	
Sample Number: 24362	Matrix: GW						Collection: 6/4/2001		Time: 08:58	
Client ID: **04WA03P**							Sample Description:			
pH (water)	**11**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	
Sample Number: 24363	Matrix: GW						Collection: 6/4/2001		Time: 09:10	
Client ID: **04WA09P**							Sample Description:			
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/5/2001	*997274*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997176*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2		6/11/2001	*997188*	
pH (water)	**7.7**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997162*	
Sample Number: 24364	Matrix: GW						Collection: 6/4/2001		Time: 08:40	
Client ID: **04WA01P**							Sample Description:			
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/5/2001	*997152*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/6/2001	*997171*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/12/2001	*997207*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/6/2001	*997171*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Iron - ICAP	**1.1**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/6/2001	*997171*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/12/2001	*997217*	
Manganese - ICAP	**0.16**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/6/2001	*997171*	
Mercury CV	**<20**	**ng/l**	**RJ**	20	64	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.03**	**mg/l**	***J*** **RJ**	0.011	0.03	200.7	bb	6/6/2001	*997171*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/6/2001	*997171*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.02**	**mg/l**	***J*** **RJ**	0.014	0.04	200.7	bb	6/6/2001	*997171*	

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010430**
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24716
Client ID: 25WA07P

QC Prep Batch Number: 997496

Collection: 6/25/2001 Time: 09:12
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	zzz	/
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	zzz	/
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	zzz	/
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	zzz	/
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	zzz	/
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	zzz	/
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	zzz	/
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	zzz	/
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	zzz	/
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	zzz	/
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	zzz	/
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	zzz	/
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	zzz	/
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	zzz	/
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	zzz	/
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	zzz	/
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	zzz	/
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	zzz	/
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	zzz	/
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Trichloroethene	0.35	ug/l	0.34	1.1	1	J	8260	zzz	/
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	zzz	/

Sample Number: 24717
Client ID: 25WA08P

QC Prep Batch Number: 997496

Collection: 6/25/2001 Time: 09:14
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	zzz	/
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	zzz	/
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	zzz	/
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	zzz	/
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	zzz	/
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	zzz	/
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	zzz	/
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	zzz	/
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	zzz	/
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	zzz	/
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	zzz	/
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	zzz	/
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	zzz	/
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	zzz	/
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	zzz	/
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	zzz	/
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	zzz	/
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	zzz	/
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	zzz	/
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	zzz	/
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010430**
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	zzz	/
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	zzz	/
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	zzz	/
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	zzz	/

Sample Number: 24718 QC Prep Batch Number: 997496 Collection: 6/25/2001 Time: 09:00
Client ID: Trip Blank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	**ug/l**	0.22	0.70	1		8260	zzz	/
1,1,1-Trichloroethane	< 0.31	**ug/l**	0.31	0.99	1		8260	zzz	/
1,1,2,2-Tetrachloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	zzz	/
1,1,2-Trichloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	zzz	/
1,1-Dichloroethane	< 0.32	**ug/l**	0.32	1.0	1		8260	zzz	/
1,1-Dichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	zzz	/
1,1-Dichloropropene	< 0.43	**ug/l**	0.43	1.4	1		8260	zzz	/
1,2,3-Trichlorobenzene	< 0.50	**ug/l**	0.50	1.6	1		8260	zzz	/
1,2,3-Trichloropropane	< 0.51	**ug/l**	0.51	1.6	1		8260	zzz	/
1,2,4-Trichlorobenzene	< 0.47	**ug/l**	0.47	1.5	1		8260	zzz	/
1,2,4-Trimethylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	zzz	/
1,2-Dibromoethane	< 0.46	**ug/l**	0.46	1.5	1		8260	zzz	/
1,2-Dichlorobenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	zzz	/
1,2-Dichloroethane	< 0.35	**ug/l**	0.35	1.1	1		8260	zzz	/
1,2-Dichloropropane	< 0.32	**ug/l**	0.32	1.0	1		8260	zzz	/
1,3,5-Trimethylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	zzz	/
1,3-Dichlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	zzz	/
1,3-Dichloropropane	< 0.39	**ug/l**	0.39	1.2	1		8260	zzz	/
1,4-Dichlorobenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	zzz	/
12Dibromo-3-chloropropan	< 0.33	**ug/l**	0.33	1.0	1		8260	zzz	/
2,2-Dichloropropane	< 0.27	**ug/l**	0.27	0.86	1		8260	zzz	/
2-Butanone (MEK)	< 1.4	**ug/l**	1.4	4.4	1		8260	zzz	/
2-Chloroethyl Vinyl Ether	< 0.70	**ug/l**	0.70	2.2	1		8260	zzz	/
2-Chlorotoluene	< 0.30	**ug/l**	0.30	0.95	1		8260	zzz	/
4-Chlorotoluene	< 0.26	**ug/l**	0.26	0.83	1		8260	zzz	/
4-Methyl-2-Pentanone	< 0.80	**ug/l**	0.80	2.5	1		8260	zzz	/
Acetone	< 1.6	**ug/l**	1.6	4.9	1		8260	zzz	/
Benzene	< 0.27	**ug/l**	0.27	0.86	1		8260	zzz	/
Bromobenzene	< 0.31	**ug/l**	0.31	0.99	1		8260	zzz	/
Bromochloromethane	< 0.37	**ug/l**	0.37	1.2	1		8260	zzz	/
Bromodichloromethane	< 0.38	**ug/l**	0.38	1.2	1		8260	zzz	/
Bromoform	< 0.39	**ug/l**	0.39	1.2	1		8260	zzz	/
Bromomethane	< 0.65	**ug/l**	0.65	2.1	1		8260	zzz	/
Carbon tetrachloride	< 0.27	**ug/l**	0.27	0.86	1		8260	zzz	/
Chlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	zzz	/
Chloroethane	< 0.64	**ug/l**	0.64	2.0	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	zzz	/
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	zzz	/
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	zzz	/
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	zzz	/
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	zzz	/
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	zzz	/
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	zzz	/
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	zzz	/

Sample Number: 24719 QC Prep Batch Number: 997496 Collection: 6/25/2001 Time: 09:25
Client ID: 25WA01P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	zzz	/
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	zzz	/
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	zzz	/
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	zzz	/
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	zzz	/
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	zzz	/
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	zzz	/
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	zzz	/
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	zzz	/
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	zzz	/
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	zzz	/
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	zzz	/
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	zzz	/
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	zzz	/
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	zzz	/
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	zzz	/
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	zzz	/
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	zzz	/
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	zzz	/
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	zzz	/
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	zzz	/
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	zzz	/
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	zzz	/
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	zzz	/
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	zzz	/
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	zzz	/
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	zzz	/
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	zzz	/
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	zzz	/
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	zzz	/
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	zzz	/
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	zzz	/
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	zzz	/
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	zzz	/
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	zzz	/

Sample Number: 24723 QC Prep Batch Number: 997496 Collection: 6/25/2001 Time: 09:16
Client ID: 25WA01P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	Admin	/ 6/26/2001
1,1,1-Trichloroethane	131	ug/l	1.6	4.9	5		8260	Admin	/ 6/26/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/26/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/26/2001
1,1-Dichloroethane	21	ug/l	1.6	5.1	5		8260	Admin	/ 6/26/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/26/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	Admin	/ 6/26/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	Admin	/ 6/26/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	Admin	/ 6/26/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	Admin	/ 6/26/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/26/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/26/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/26/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	Admin	/ 6/26/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/26/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/26/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/26/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/26/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/26/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/26/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/26/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	Admin	/ 6/26/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	Admin	/ 6/26/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/26/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/26/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	Admin	/ 6/26/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	Admin	/ 6/26/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/26/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/26/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/26/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	Admin	/ 6/26/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010430
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/26/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	Admin	/ 6/26/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/26/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/26/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	Admin	/ 6/26/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/26/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	Admin	/ 6/26/2001
cis-1,2-Dichloroethene	41	ug/l	1.4	4.3	5		8260	Admin	/ 6/26/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/26/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	Admin	/ 6/26/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/26/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/26/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/26/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	Admin	/ 6/26/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/26/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/26/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	Admin	/ 6/26/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/26/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/26/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/26/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	Admin	/ 6/26/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	Admin	/ 6/26/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/26/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/26/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/26/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/26/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/26/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/26/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	Admin	/ 6/26/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/26/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/26/2001
Trichloroethene	440	ug/l	1.7	5.4	5		8260	Admin	/ 6/26/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/26/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	Admin	/ 6/26/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010430**
DATE REPORTED: 03-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 7/3/17

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010430**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24719 Matrix: GW								Collection: 6/25/2001		Time: 09:25
Client ID: **25WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.004**	**mg/l**		0.004	0.01	SM 3500D		6/28/2001		
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2		6/27/2001		
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2		6/27/2001		
pH (water)	**7.6**	**s.u.**	#			150.1	ogtp	6/25/2001	*997420*	
Sample Number: 24720 Matrix: GW								Collection: 6/25/2001		Time: 09:20
Client ID: **25WA02P**								Sample Description:		
pH (water)	**9.5**	**s.u.**	#			150.1	ogtp	6/25/2001	*997420*	
Sample Number: 24721 Matrix: GW								Collection: 6/25/2001		Time: 09:22
Client ID: **25WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	#			150.1	ogtp	6/25/2001	*997420*	
Sample Number: 24722 Matrix: GW								Collection: 6/25/2001		Time: 09:10
Client ID: **25WA05P**								Sample Description:		
pH (water)	**7.3**	**s.u.**	#			150.1	ogtp	6/25/2001	*997420*	
Sample Number: 24723 Matrix: GW								Collection: 6/25/2001		Time: 09:16
Client ID: **25WA01P**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	7/3/2001	*997500*	
Barium - ICAP	**0.21**	**mg/l**	**RJ**	0.007	0.02	200.7	tm	6/27/2001	*997523*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	7/2/2001	*997489*	
Chromium, Total - ICAP	**0.009**	**mg/l**	***J*** **RJ**	0.008	0.03	200.7	tm	6/27/2001	*997523*	
Copper- ICAP	**0.008**	**mg/l**	***J*** **RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Iron - ICAP	**1.3**	**mg/l**	**RJ**	0.081	0.26	200.7	tm	6/27/2001	*997523*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/2/2001	*997486*	
Manganese - ICAP	**0.21**	**mg/l**	**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		7/2/2001		
Nickel - ICAP	**0.02**	**mg/l**	***J*** **RJ**	0.011	0.03	200.7	tm	6/27/2001	*997523*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	7/5/2001	*997516*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	tm	6/27/2001	*997523*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010430**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 25-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2		7/4/2001		
Zinc - ICAP	**<0.017**	**mg/l**	**RJ**	0.014	0.04	200.7	tm	6/27/2001	*997523*	
Chromium, Hexavalent	**<0.004**	**mg/l**		0.004	0.01	SM 3500D		6/28/2001		
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2		7/2/2001		
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2		7/2/2001		
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	6/25/2001	*997420*	

Sample Number: 24724 Matrix: GW
Client ID: **25WA09R**
Collection: 6/25/2001 Time: 09:30
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	7/3/2001	*997500*	
Barium - ICAP	**<0.007**	**mg/l**	**RJ**	0.007	0.02	200.7	tm	6/27/2001	*997523*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	7/2/2001	*997489*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	tm	6/27/2001	*997523*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	tm	6/27/2001	*997523*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/2/2001	*997486*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		7/2/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	tm	6/27/2001	*997523*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	7/5/2001	*997516*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	tm	6/27/2001	*997523*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2		7/4/2001		
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	tm	6/27/2001	*997523*	

Approved By: _____ **Date:** 7/16/01
James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*
TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

WDNR# 241340550

INVOICE NUMBER **20010395**
DATE REPORTED: 06-Jul-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Test	Result	Units		RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24535 Matrix: GW									Collection: 6/18/2001		Time: 10:35
Client ID: **18WA01P**									Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**		**RJ**	5.6	18	206.2	jb	6/20/2001	*997340*	
Barium - ICAP	**0.14**	**mg/l**		**RJ**	0.007	0.02	200.7	tm	6/27/2001	*997523*	
Cadmium - Furnace AA	**<0.4**	**ug/l**		**TTR**	0.4	1.3	213.2	jb	6/21/2001	*997369*	
Chromium, Total - ICAP	**<0.008**	**mg/l**		**RJ**	0.008	0.03	200.7	tm	6/27/2001	*997523*	
Copper- ICAP	**<0.006**	**mg/l**		**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Iron - ICAP	**1.5**	**mg/l**		**RJ**	0.081	0.26	200.7	tm	6/27/2001	*997523*	
Lead - Furnace AA	**<1.5**	**ug/l**		**RJ**	1.5	4.8	239.2	jb	6/20/2001	*997359*	
Manganese - ICAP	**0.1**	**mg/l**		**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Mercury CV	**<0.0002**	**mg/l**		**RJ**	0.0002	0.0006	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.03**	**mg/l**	*J*	**RJ**	0.011	0.03	200.7	tm	6/27/2001	*997523*	
Selenium - Furnace AA	**<4.8**	**ug/l**		**RJ**	4.8	15	270.2	jb	6/19/2001	*997315*	
Silver - ICAP	**<0.004**	**mg/l**		**RJ**	0.004	0.01	200.7	tm	6/27/2001	*997523*	
Thallium - Furnace AA	**<1.3**	**ug/l**		**RJ**	1.3	4.1	279.2	jb	6/21/2001	*997377*	
Zinc - ICAP	**0.03**	**mg/l**	*J*	**RJ**	0.014	0.04	200.7	tm	6/27/2001	*997523*	
Chromium, Hexavalent	**<0.004**	**mg/l**			0.004	0.01	SM 3500D		6/27/2001		
Cyanide, Amenable	**<0.006**	**mg/l**		**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**0.02**	**mg/l**		**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.1**	**s.u.**	#				150.1	ogtp	6/18/2001	*997313*	
Sample Number: 24536 Matrix: GW									Collection: 6/18/2001		Time: 10:30
Client ID: **18WA02P**									Sample Description:		
pH (water)	**9.7**	**s.u.**	#				150.1	ogtp	6/18/2001	*997313*	
Sample Number: 24537 Matrix: GW									Collection: 6/18/2001		Time: 10:32
Client ID: **18WA03P**									Sample Description:		
pH (water)	**11**	**s.u.**	#				150.1	ogtp	6/18/2001	*997313*	
Sample Number: 24538 Matrix: GW									Collection: 6/18/2001		Time: 10:40
Client ID: **18WA05P**									Sample Description:		
pH (water)	**7.5**	**s.u.**	#				150.1	ogtp	6/18/2001	*997313*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010395**
DATE REPORTED: 06-Jul-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24541	Matrix: GW							Collection: 6/18/2001	Time: 10:46	
Client ID: **18WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.004**	**mg/l**		0.004	0.01	SM 3500D		6/27/2001		
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.5**	**s.u.**	**#**			150.1	ogtp	6/18/2001	*997313*	
Sample Number: 24542	Matrix: GW							Collection: 6/18/2001	Time: 10:50	
Client ID: **18WA09R**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/20/2001	*997340*	
Barium - ICAP	**<0.007**	**mg/l**	**RJ**	0.007	0.02	200.7	tm	6/27/2001	*997523*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/21/2001	*997369*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	tm	6/27/2001	*997523*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	tm	6/27/2001	*997523*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/20/2001	*997359*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	tm	6/27/2001	*997523*	
Mercury CV	**<0.0002**	**ng/l**	**RJ**	0.0002	0.0006	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	tm	6/27/2001	*997523*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/19/2001	*997315*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	tm	6/27/2001	*997523*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/21/2001	*997377*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	tm	6/27/2001	*997523*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010395**
DATE REPORTED: 06-Jul-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments

Approved By: _____ **Date:** 7/6/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24535 QC Prep Batch Number: 997455 Collection: 6/18/2001 Time: 10:35
Client ID: 18WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	/ 6/20/2001
1,1,1-Trichloroethane	111	ug/l	1.6	4.9	5		8260	qh	/ 6/20/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 6/20/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	/ 6/20/2001
1,1-Dichloroethane	19	ug/l	1.6	5.1	5		8260	qh	/ 6/20/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 6/20/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	/ 6/20/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	/ 6/20/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	/ 6/20/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	/ 6/20/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 6/20/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 6/20/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 6/20/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	/ 6/20/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	/ 6/20/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 6/20/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 6/20/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 6/20/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 6/20/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 6/20/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 6/20/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	/ 6/20/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	/ 6/20/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 6/20/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 6/20/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	/ 6/20/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	/ 6/20/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 6/20/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 6/20/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 6/20/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	/ 6/20/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 6/20/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	/ 6/20/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 6/20/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 6/20/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	/ 6/20/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 6/20/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	/ 6/20/2001
cis-1,2-Dichloroethene	31	ug/l	1.4	4.3	5		8260	qh	/ 6/20/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	/ 6/20/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	/ 6/20/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	/ 6/20/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 6/20/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	/ 6/20/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 6/20/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	/ 6/20/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	/ 6/20/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	/ 6/20/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 6/20/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	/ 6/20/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	/ 6/20/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	/ 6/20/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 6/20/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	/ 6/20/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 6/20/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 6/20/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	/ 6/20/2001
Tetrachloroethene	432	ug/l	1.6	4.9	5		8260	qh	/ 6/20/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	/ 6/20/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	/ 6/20/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	/ 6/20/2001
Trichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	/ 6/20/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	/ 6/20/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	/ 6/20/2001

Sample Number: 24539
Client ID: 18WA07P

QC Prep Batch Number: 997455

Collection: 6/18/2001 Time: 10:42
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/20/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/20/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/20/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/20/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/20/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/20/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/20/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/20/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/20/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/20/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/20/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	/ 6/20/2001
Trichloroethene	1.6	**ug/l**	0.34	1.1	1		8260	qh	/ 6/20/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	/ 6/20/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	/ 6/20/2001

Sample Number: 24540 QC Prep Batch Number: 997455 Collection: 6/18/2001 Time: 10:44
Client ID: 18WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	**ug/l**	0.22	0.70	1		8260	qh	/ 6/20/2001
1,1,1-Trichloroethane	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	/ 6/20/2001
1,1,2,2-Tetrachloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1,2-Trichloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1-Dichloroethane	< 0.32	**ug/l**	0.32	1.0	1		8260	qh	/ 6/20/2001
1,1-Dichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	/ 6/20/2001
1,1-Dichloropropene	< 0.43	**ug/l**	0.43	1.4	1		8260	qh	/ 6/20/2001
1,2,3-Trichlorobenzene	< 0.50	**ug/l**	0.50	1.6	1		8260	qh	/ 6/20/2001
1,2,3-Trichloropropane	< 0.51	**ug/l**	0.51	1.6	1		8260	qh	/ 6/20/2001
1,2,4-Trichlorobenzene	< 0.47	**ug/l**	0.47	1.5	1		8260	qh	/ 6/20/2001
1,2,4-Trimethylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	/ 6/20/2001
1,2-Dibromoethane	< 0.46	**ug/l**	0.46	1.5	1		8260	qh	/ 6/20/2001
1,2-Dichlorobenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloroethane	< 0.35	**ug/l**	0.35	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloropropane	< 0.32	**ug/l**	0.32	1.0	1		8260	qh	/ 6/20/2001
1,3,5-Trimethylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	/ 6/20/2001
1,3-Dichlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	/ 6/20/2001
1,3-Dichloropropane	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	/ 6/20/2001
1,4-Dichlorobenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	/ 6/20/2001
12Dibromo-3-chloropropan	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	/ 6/20/2001
2,2-Dichloropropane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	/ 6/20/2001
2-Butanone (MEK)	< 1.4	**ug/l**	1.4	4.4	1		8260	qh	/ 6/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	**ug/l**	0.70	2.2	1		8260	qh	/ 6/20/2001
2-Chlorotoluene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	/ 6/20/2001
4-Chlorotoluene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	/ 6/20/2001
4-Methyl-2-Pentanone	< 0.80	**ug/l**	0.80	2.5	1		8260	qh	/ 6/20/2001
Acetone	< 1.6	**ug/l**	1.6	4.9	1		8260	qh	/ 6/20/2001
Benzene	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	/ 6/20/2001
Bromobenzene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	/ 6/20/2001
Bromochloromethane	< 0.37	**ug/l**	0.37	1.2	1		8260	qh	/ 6/20/2001
Bromodichloromethane	< 0.38	**ug/l**	0.38	1.2	1		8260	qh	/ 6/20/2001
Bromoform	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	/ 6/20/2001
Bromomethane	< 0.65	**ug/l**	0.65	2.1	1		8260	qh	/ 6/20/2001
Carbon tetrachloride	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	/ 6/20/2001
Chlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	/ 6/20/2001
Chloroethane	< 0.64	**ug/l**	0.64	2.0	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/20/2001

Sample Number: 24541 QC Prep Batch Number: 997455 Collection: 6/18/2001 Time: 10:46
Client ID: 18WA09P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/20/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/20/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/20/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/20/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/20/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/20/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/20/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/20/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/20/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/20/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/20/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/20/2001

Sample Number: 24543 QC Prep Batch Number: 997455 Collection: 6/18/2001 Time: 10:50
Client ID: TRIP BLANK Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/20/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/20/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/20/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/20/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/20/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/20/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/20/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/20/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/20/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/20/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/20/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/20/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010395**
DATE REPORTED: 28-Jun-01
DATE RECEIVED: 18-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/20/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/20/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/20/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/20/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010395**
DATE REPORTED:	28-Jun-01
DATE RECEIVED:	18-Jun-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 7/18/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

WDNR# 241340550

INVOICE NUMBER **20010376**
DATE REPORTED: 30-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Test	Result	Units		RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24469	Matrix: GW								Collection: 6/12/2001	Time: 10:04	
Client ID: **12WA01P**									Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**		RJ	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.12**	**mg/l**		RJ	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**		TTR	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**		RJ	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**<0.006**	**mg/l**		RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**2**	**mg/l**		RJ	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**		RJ	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.17**	**mg/l**		RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		RJ	0.0002	0.0006	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**0.03**	**mg/l**	*J*	RJ	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**		RJ	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**		RJ	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**<1.3**	**ug/l**		RJ	1.3	4.1	279.2	jb	6/21/2001	*997377*	
Zinc - ICAP	**<0.014**	**mg/l**		RJ	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.004**	**mg/l**		RJ	0.004	0.01	SM 3500D		6/15/2001		
Cyanide, Amenable	**<0.006**	**mg/l**		RJ	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**		RJ	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.2**	**s.u.**	#				150.1	ogtp	6/12/2001	*997210*	
Sample Number: 24470	Matrix: GW								Collection: 6/12/2001	Time: 10:15	
Client ID: **12WA02P**									Sample Description:		
pH (water)	**9.6**	**s.u.**	#				150.1	ogtp	6/12/2001	*997210*	
Sample Number: 24471	Matrix: GW								Collection: 6/12/2001	Time: 10:17	
Client ID: **12WA03P**									Sample Description:		
pH (water)	**11**	**s.u.**	#				150.1	ogtp	6/12/2001	*997210*	
Sample Number: 24472	Matrix: GW								Collection: 6/12/2001	Time: 09:58	
Client ID: **12WA05P**									Sample Description:		
pH (water)	**7.8**	**s.u.**	#				150.1	ogtp	6/4/2001	*997210*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010376**
DATE REPORTED: 30-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Sample Number: 24475	Matrix: GW							Collection: 6/12/2001	Time: 10:10	
Client ID: **12WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.004**	**mg/l**	**RJ**	0.004	0.01	SM 3500D		6/15/2001		
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.6**	**s.u.**	**#**			150.1	ogtp	6/4/2001	*997210*	
Sample Number: 24476	Matrix: GW							Collection: 6/12/2001	Time: 10:13	
Client ID: **12WA09R**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**<0.007**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	bb	6/27/2001	*997431*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/21/2001	*997377*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010376**
DATE REPORTED: 30-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee . WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments

Approved By: _____ **Date:** 7/30/19
James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*
TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24469 QC Prep Batch Number: 997349 Collection: 6/12/2001 Time: 10:04
Client ID: 12WA01P Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	76	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	13	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	Admin	/ 6/12/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	Admin	/ 6/12/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	Admin	/ 6/12/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	Admin	/ 6/12/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	28	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	Admin	/ 6/12/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	Admin	/ 6/12/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	11	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Trichloroethene	329	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	Admin	/ 6/12/2001

Sample Number: 24473 QC Prep Batch Number: 997349 Collection: 6/12/2001 Time: 10:00
Client ID: 12WA07P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Trichloroethene	0.94	ug/l	0.34	1.1	1	J	8260	qh	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/12/2001

Sample Number: 24474 QC Prep Batch Number: 997349 Collection: 6/12/2001 Time: 10:02
Client ID: 12WA08P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/12/2001

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8222 W. Calumet Rd., Milwaukee, WI 53223
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/12/2001

Sample Number: 24475
Client ID: 12WA09P

QC Prep Batch Number: 997349

Collection: 6/12/2001 Time: 10:10
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001

APL INC.
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Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/12/2001

Sample Number: 24477 QC Prep Batch Number: 997349 Collection: 6/12/2001 Time: 08:00
Client ID: TRIP BLANK Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010376
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 6/20/01

James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

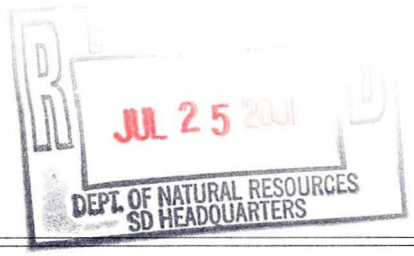
APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010375**
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223



Sample Number: 24460
Client ID: MW02DP

QC Prep Batch Number: 997349

Collection: 6/7/2001 Time: 08:45
Sample Description:

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24461
Client ID: MW05DP

QC Prep Batch Number: 997349

Collection: 6/8/2001 Time: 06:15
Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	Admin	/ 6/12/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	Admin	/ 6/12/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	Admin	/ 6/12/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	Admin	/ 6/12/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	70	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	Admin	/ 6/12/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	Admin	/ 6/12/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	Admin	/ 6/12/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001

APL INC.
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Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010375**
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Trichloroethene	296	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	Admin	/ 6/12/2001

Sample Number: 24462 QC Prep Batch Number: 997349 Collection: 6/7/2001 Time: 07:10
Client ID: MW12BP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010375**
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24463 QC Prep Batch Number: 997349 Collection: 6/6/2001 Time: 11:50
Client ID: MW12DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	80	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	97	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	30	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	20	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001

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DATE REPORTED: 20-Jun-01
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SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	7.1	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	16	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24464 QC Prep Batch Number: 997349 Collection: 6/6/2001 Time: 11:20
Client ID: MW13SP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001

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ORGANIC REPORT

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DATE REPORTED: 20-Jun-01
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SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24465 QC Prep Batch Number: 997349 Collection: 6/7/2001 Time: 10:55
Client ID: MW14DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001

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PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001

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SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24466 QC Prep Batch Number: 997349 Collection: 6/7/2001 Time: 10:40
Client ID: MW15DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	3.7	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	3.8	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	18	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

Sample Number: 24467
Client ID: MW16SP

QC Prep Batch Number: 997349

Collection: 6/6/2001 Time: 11:10
Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
1,1,1-Trichloroethane	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	Admin	/ 6/12/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	Admin	/ 6/12/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	Admin	/ 6/12/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	Admin	/ 6/12/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	286	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	Admin	/ 6/12/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	Admin	/ 6/12/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	Admin	/ 6/12/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	Admin	/ 6/12/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	Admin	/ 6/12/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	Admin	/ 6/12/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	Admin	/ 6/12/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	Admin	/ 6/12/2001
Trichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	Admin	/ 6/12/2001
Vinyl chloride	107	ug/l	1.0	3.2	5		8260	Admin	/ 6/12/2001

Sample Number: 24468
Client ID: TRIP BLANK

QC Prep Batch Number: 997349

Collection: 6/6/2001 Time: 06:00
Sample Description: LAB PROVIDED

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	Admin	/ 6/12/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	Admin	/ 6/12/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	Admin	/ 6/12/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	Admin	/ 6/12/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	Admin	/ 6/12/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	Admin	/ 6/12/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	Admin	/ 6/12/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010375
DATE REPORTED: 20-Jun-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	Admin	/ 6/12/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	Admin	/ 6/12/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	Admin	/ 6/12/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	Admin	/ 6/12/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	Admin	/ 6/12/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	Admin	/ 6/12/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	Admin	/ 6/12/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	Admin	/ 6/12/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	Admin	/ 6/12/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	Admin	/ 6/12/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	Admin	/ 6/12/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	Admin	/ 6/12/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	Admin	/ 6/12/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	Admin	/ 6/12/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	Admin	/ 6/12/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	Admin	/ 6/12/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	Admin	/ 6/12/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	Admin	/ 6/12/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	Admin	/ 6/12/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	Admin	/ 6/12/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	Admin	/ 6/12/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	Admin	/ 6/12/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	Admin	/ 6/12/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	Admin	/ 6/12/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	Admin	/ 6/12/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	Admin	/ 6/12/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	Admin	/ 6/12/2001

APL INC.
8222 W. Calumet Rd., Milwaukee, WI 53223
Phone: (414) 355-5800 Fax: (414) 355-3099

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010375**
DATE REPORTED:	20-Jun-01
DATE RECEIVED:	12-Jun-01
SAMPLE TEMP (C):	Rec On Ice
PROJECT ID:	
PROJECT NAME:	OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Compound	Result	Units	LOD	LOQ	Dilution	RQ	Method	Analyst	Date Ext/Anal

Approved By: _____ **Date:** 6/20/01
James Chang, Ph.D. , Lab Director

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B
LOQ = 10 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study "e" = Estimate value, over calibration range .
LOD = 3.143 (S) x Dilution Factor, where "S" is the Standard Deviation from the MDL Study
PAL: Preventive Action Limit, NR 140.10 Public health related groundwater standards. "ns" = not specified
RQ : Run Qualifier; "J" = Results between LOD and LOQ. "RR" = Re-extract Rerun sample, "B" = Showed in Blank sample

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations. DNR Analytical Detection Limit Guidance, April 1995.

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010375**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Sample Number: 24460 Matrix: GW
Client ID: **MW02DP**
Collection: 6/7/2001 Time: 08:45
Sample Description:

Test	Result	Units		RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	**<5.6**	**ug/l**		**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.11**	**mg/l**		**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**		**TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**		**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**<0.006**	**mg/l**		**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**1.1**	**mg/l**		**RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**		**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.03**	**mg/l**		**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		**RJ**	0.0002	0.0006	245.1		6/26/2001		
Nickel - ICAP	**<0.011**	**mg/l**		**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**		**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**		**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**2.8**	**ug/l**	*J*	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**<0.014**	**mg/l**		**RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**			0.004	0.01	SM 3500D		6/8/2001	*997285*	
Cyanide, Amenable	**<0.006**	**mg/l**		**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**		**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**6.8**	**s.u.**	#				150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24461 Matrix: GW
Client ID: **MW05DP**
Collection: 6/8/2001 Time: 06:15
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**		**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.11**	**mg/l**		**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**1.4**	**ug/l**		**TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Cadmium-Total Recoverable	**<0.4**	**ug/l**		**TTR**	0.4	1.3	7131	tm	7/9/2001	*997601*	
Chromium, Total - ICAP	**0.01**	**mg/l**	*J*	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**0.03**	**mg/l**		**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**3.2**	**mg/l**		**RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**		**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.12**	**mg/l**		**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**			0.0002	0.0006	245.1		6/25/2001		

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010375**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**2.3**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.07**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/8/2001	*997300*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**6.8**	**s.u.**	**#**			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24462 Matrix: GW
Client ID: **MW12BP**
Collection: 6/7/2001 Time: 07:10
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.08**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**0.98**	**ug/l**	***J* TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Cadmium-Total Recoverable	**<0.4**	**ug/l**	**TTR**	0.4	1.3	7131	tm	7/9/2001	*997601*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**0.009**	**mg/l**	***J* RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**0.1**	**mg/l**	***J* RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.01**	**mg/l**	***J* RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**2.8**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.06**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/8/2001	*997300*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.9**	**s.u.**	**#**			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24463 Matrix: GW
Client ID: **MW12DP**
Collection: 6/6/2001 Time: 11:50
Sample Description:

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010375
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	**10**	**ug/l**	*J* RJ	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.06**	**mg/l**	RJ	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	TTR	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	RJ	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**0.63**	**mg/l**	RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**2.9**	**mg/l**	RJ	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	RJ	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.07**	**mg/l**	RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**<0.011**	**mg/l**	RJ	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	RJ	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	RJ	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**<1.3**	**ug/l**	RJ	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.03**	**mg/l**	*J* RJ	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D		6/8/2001	*997285*	
Cyanide, Amenable	**<0.006**	**mg/l**	RJ	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	RJ	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.2**	**s.u.**	#			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24464 Matrix: GW
Client ID: **MW13SP**
Collection: 6/6/2001 Time: 11:20
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	RJ	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.02**	**mg/l**	*J* RJ	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**1.9**	**ug/l**	TTR	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Cadmium-Total Recoverable	**<0.4**	**ug/l**	TTR	0.4	1.3	7131	tm	7/9/2001	*997601*	
Chromium, Total - ICAP	**0.04**	**mg/l**	RJ	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**<0.006**	**mg/l**	RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**1.8**	**mg/l**	RJ	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	RJ	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.1**	**mg/l**	RJ	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**0.06**	**mg/l**	RJ	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	RJ	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	RJ	0.004	0.01	200.7	bb	6/18/2001	*997345*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010375**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Thallium - Furnace AA	**3.3**	**ug/l**	*J* **RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.03**	**mg/l**	*J* **RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D		6/8/2001	*997285*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.7**	**s.u.**	#			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24465 Matrix: GW
Client ID: **MW14DP**
Collection: 6/7/2001 Time: 10:55
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.03**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**0.01**	**mg/l**	*J* **RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.06**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**12**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.03**	**mg/l**	*J* **RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	6/8/2001	*997300*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**6.4**	**s.u.**	#			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24466 Matrix: GW
Client ID: **MW15DP**
Collection: 6/7/2001 Time: 10:40
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010375**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**0.18**	**mg/l**	***J* RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.22**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**2.3**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.02**	**mg/l**	***J* RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D		6/8/2001	*997285*	
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	
Cyanide, Total	**0.009**	**mg/l**	***J* RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**6.6**	**s.u.**	**#**			150.1	ogtp	6/7/2001	*997210*	

Sample Number: 24467 Matrix: GW
Client ID: **MW16SP**
Collection: 6/6/2001 Time: 11:10
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jb	6/15/2001	*997267*	
Barium - ICAP	**0.02**	**mg/l**	***J* RJ**	0.007	0.02	200.7	bb	6/18/2001	*997345*	
Cadmium - Furnace AA	**0.48**	**ug/l**	***J* TTR**	0.4	1.3	213.2	jb	6/15/2001	*997271*	
Cadmium-Total Recoverable	**<0.4**	**ug/l**	**TTR**	0.4	1.3	7131	tm	7/9/2001	*997601*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	6/18/2001	*997345*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Iron - ICAP	**18**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	6/18/2001	*997345*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jb	6/18/2001	*997290*	
Manganese - ICAP	**0.27**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	6/18/2001	*997345*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		6/25/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	6/18/2001	*997345*	
Selenium - Furnace AA	**7.9**	**ug/l**	***J* RJ**	4.8	15	270.2	jb	6/13/2001	*997226*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	6/18/2001	*997345*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jb	6/14/2001	*997266*	
Zinc - ICAP	**0.05**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	6/18/2001	*997345*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D		6/8/2001		
Cyanide, Amenable	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/16/2001	*997427*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010375**
DATE REPORTED: 16-Jul-01
DATE RECEIVED: 12-Jun-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
APL Environmental
8222 W. Calumet Road
Milwaukee , WI 53223

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Cyanide, Total	**<0.006**	**mg/l**	**RJ**	0.006	0.02	335.2	bb	6/20/2001	*997426*	
pH (water)	**7.9**	**s.u.**	#			150.1	ogtp	6/4/2001	*997210*	

Approved By: _____ **Date:** 7/16/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

TTR *Result expressed as total and total recoverable.*

MDL: Method Detection Limit determined by 40CFR Part 136 Appendix B "J" = Results between LOD and LOQ "#" = no LOD or LOQ required.
LOQ = 10 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study
LOD = 3.143 (S) x Dilution Facor, where "S" is the Standard Deviation from the MDL Study

Rounding Rules: Three significant figures were used for concentrations above 99 ug/L, two significant figures for concentrations between 1-99 ug/L, and one significant figure for lower concentrations.
DNR Analytical Detection Limit Guidance, April 1995.

Madison Office & Laboratory
525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
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Corporate Office & Laboratory
1795 Industrial Drive
Green Bay, WI 54302
920-469-2436 • Fax: 920-469-8827
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- Analytical Report -

Project Name : OGTP
Project Number :

Client : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
WI DNR LAB ID : 113172950

Lab Sample No.	Field ID	Collection Date	Lab Sample No.	Field ID	Collection Date
911743-001	0106 04 WA09PQ	6/4/01			
911743-002	0106 04 WA09RQ	6/4/01			
911743-003	0106 04 WA09PQ	6/5/01			
911743-004	TRIP BLANK-Q	6/4/01			

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample narrative. Release of this final report is authorized by Laboratory management, as is verified by the following signature.

Todd Wolterneyer
Approval Signature

6/18/01
Date

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525 Science Drive
Madison, WI 53711
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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0106 04 WA09PQ
Lab Sample Number : 911743-001
Lab Project Number : 911743

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
Collection Date : 6/4/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Cyanide, free	< 0.0021	0.0021	0.0067		mg/L		6/12/01	EPA 335.4	EPA 335.4
Cyanide, total	< 0.0021	0.0021	0.0067		mg/L		6/12/01	EPA 335.4	EPA 335.4

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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0106 04 WA09RQ
Lab Sample Number : 911743-002
Lab Project Number : 911743

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
Collection Date : 6/4/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	0.58	0.28	0.89		ug/L	QN*	6/11/01	SW846 3015	SW846 6020
Barium	12	0.16	0.51		ug/L	N*	6/11/01	SW846 3015	SW846 6020
Cadmium	< 0.19	0.19	0.61		ug/L	*	6/11/01	SW846 3015	SW846 6020
Cadmium - Recoverable	< 0.17	0.17	0.54		ug/L		6/11/01	SW846 3020AM	SW846 6020
Chromium	2.2	0.21	0.67		ug/L	*	6/11/01	SW846 3015	SW846 6020
Copper	1.7	0.62	2.0		ug/L	Q*	6/11/01	SW846 3015	SW846 6020
Iron	44	29	92		ug/L	Q*A(32.2)	6/11/01	SW846 3015	SW846 6020
Lead	0.29	0.19	0.61		ug/L	QN*	6/11/01	SW846 3015	SW846 6020
Manganese	0.62	0.19	0.61		ug/L	*	6/11/01	SW846 3015	SW846 6020
Mercury	< 0.044	0.044	0.14		ug/L		6/8/01	SW846 7470A	SW846 7470A
Nickel	8.6	0.51	1.6		ug/L	*	6/11/01	SW846 3015	SW846 6020
Selenium	< 0.97	0.97	3.1		ug/L		6/11/01	SW846 3015	SW846 6020
Silver	< 0.12	0.12	0.38		ug/L	*	6/11/01	SW846 3015	SW846 6020
Thallium	< 0.13	0.13	0.41		ug/L	*	6/11/01	SW846 3015	SW846 6020
Zinc	16	5.0	16		ug/L	*	6/11/01	SW846 3015	SW846 6020
COD	< 2.9	2.9	9.2		mg/L		6/11/01	410.4(LOW)	410.4(LOW)
Nitrogen, ammonia	< 0.30	0.30	0.96		mg/L	ED N	6/14/01	EPA 350.1	EPA 350.1
Nitrogen, NO3 + NO2	1.4	0.014	0.045		mg/L		6/8/01	EPA 353.2	EPA 353.2
Phosphorus, total	0.15	0.097	0.31		mg/L	Q	6/14/01	EPA 365.1	EPA 365.1
Solids, total suspended	6.0	3.4	11		mg/L	Q	6/11/01	EPA 160.2	EPA 160.2

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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0106 04 WA09PQ
Lab Sample Number : 911743-003
Lab Project Number : 911743

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
Collection Date : 6/5/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Chromium, Hexavalent	< 12	12	38		ug/L		6/5/01	SW 7196A	SW 7196A

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1795 Industrial Drive
Green Bay, WI 54302
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Inorganic Data Qualifier Sheet

A	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory MDL or LOD. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
AI	Due to the matrix of this sample the alternate isotope was used for analysis.
B	The analyte has been detected between the Method Detection Limit (MDL) and Method Reporting Limit (MRL). The results are qualified due to the uncertainty of analyte concentrations within this range.
BB	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
BD	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
BI	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
BL	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
BX	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
DA	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
DF	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria. (See Sample Narrative).
E	Estimated concentration due to matrix interferences. During the metals analysis using the inductively coupled plasma (ICP), the serial dilution failed to meet the established control limits of 0-10% and the sample concentration is greater than 50 times the IDL (100 times the IDL for analysis done on the ICP-MS). The result was flagged with the E qualifier to indicate that a physical interference was observed.
ED	Elevated detection limit due to matrix effects.
G	Unable to determine precision due to matrix interference.
H(n)	Analysis performed *n* days past holding time (See Sample Narrative).
K	Sample received unpreserved. Sample was either preserved at the time of receipt or at the time of sample preparation.
LV	Elevated detection limit due to low sample volume.
MS	Either the matrix spike or matrix spike duplicate was outside of the acceptable control limits. The Laboratory Control Sample was within the acceptable control limits.
N	Spiked sample recovery not within control limits; post-digestion spike recovery accepted.
NP	Digested and post-digested spike recoveries fail accuracy control limits.
NR	Not required.
Q	The analyte has been detected between the Limit of Detection (LOD) and Limit of Quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
SUB	Assay was subcontracted to En Chem Green Bay WI Cert. # : 405132750.
UN	Unable to preserve sample due to matrix.
X	See sample narrative.
*	Duplicate analyses not within control limits.
&	Laboratory Control Spike recovery not within control limits.

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- Analytical Report -

Project Name : OGTP
Project Number :
Field ID : 0106 04 WA09PQ
Lab Sample Number : 911743-001
Lab Project Number : 911743

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
Collection Date : 6/4/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Volatile Organic Results

SPECIAL VOLATILE LIST - WATER **Prep Method: SW846 5030**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		6/12/01	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		6/12/01	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		6/12/01	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		6/12/01	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L	&	6/12/01	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		6/12/01	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6		ug/L		6/12/01	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2		ug/L		6/12/01	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3		ug/L		6/12/01	SW846 8260B
Toluene	< 0.40	0.40	1.3		ug/L		6/12/01	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0		ug/L		6/12/01	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6		ug/L		6/12/01	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54		ug/L		6/12/01	SW846 8260B
Xylene, total	< 1.2	1.2	3.8		ug/L		6/12/01	SW846 8260B
4-Bromofluorobenzene	102				%Recov		6/12/01	SW846 8260B
Dibromofluoromethane	102				%Recov		6/12/01	SW846 8260B
Toluene-d8	100				%Recov		6/12/01	SW846 8260B

Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

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Green Bay, WI 54302
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- Analytical Report -

Project Name : OGTP
Project Number :
Field ID : TRIP BLANK-Q
Lab Sample Number : 911743-004
Lab Project Number : 911743

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 6/18/01
Collection Date : 6/4/01
Matrix Type : BLANK
WI DNR LAB ID : 113172950

Volatile Organic Results

SPECIAL VOLATILE LIST - WATER **Prep Method: SW846 5030**

Analyte	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Analysis Method
1,1,1-Trichloroethane	< 0.53	0.53	1.7		ug/L		6/12/01	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		6/12/01	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		6/12/01	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		6/12/01	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L	&	6/12/01	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		6/12/01	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6		ug/L		6/12/01	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2		ug/L		6/12/01	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3		ug/L		6/12/01	SW846 8260B
Toluene	< 0.40	0.40	1.3		ug/L		6/12/01	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0		ug/L		6/12/01	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6		ug/L		6/12/01	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54		ug/L		6/12/01	SW846 8260B
Xylene, total	< 1.2	1.2	3.8		ug/L		6/12/01	SW846 8260B
4-Bromofluorobenzene	102				%Recov		6/12/01	SW846 8260B
Dibromofluoromethane	102				%Recov		6/12/01	SW846 8260B
Toluene-d8	100				%Recov		6/12/01	SW846 8260B

Units of %Recov(ery) denote surrogate spike recovery. All recoveries pass in-house control limits unless otherwise noted.

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525 Science Drive
Madison, WI 53711
608-232-3300 • Fax: 608-233-0502
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Organic Data Qualifier Sheet

B	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory LOD. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	Elevated detection limit (see Sample Narrative).
D	Analyte value from diluted analysis.
DL	No surrogate recovery available due to sample dilution.
E	Analyte concentration exceeds calibration range (see Sample Narrative).
F	Repeated surrogate failure (see Sample Narrative).
G	Sample exhibits hydrocarbon pattern resembling gasoline.
H(n)	Analysis performed "n" days past holding time.
J	Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.
K	Detection Limit may be elevated due to the presence of an unrequested analyte (see Sample Narrative).
L	Detects in trip blank.
M	Methanol leakage.
N	Spiked sample recovery not within control limits.
ND	Not Detected.
NR	Not Required.
P	The relative percent difference for detected concentrations between the two GC columns was greater than 40% difference.
Q	The analyte has been detected between the Limit of Detection (LOD) and limit of Quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
U#	Elevated LOD due to matrix interference.
V	Heavy hydrocarbon present.
W	Sample received with headspace.
X	See Sample Narrative
Z	See Sample Narrative
SUB	Assay was subcontracted to En Chem Green Bay WI Cert. # : 405132750.
&	Laboratory Control Spike recovery not within control limits.
*	Duplicate analyses not within control limits.

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525 Science Drive
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EN CHEM
SAMPLE NARRATIVE

PROJECT NAME : OGTP
WORKORDER NUMBER : 911743
DATE : 6/15/2001

VOLATILE ORGANICS: One or more samples in this package have analytes qualified with an "&" qualifier because they are associated to a Laboratory Control Sample (LCS) that had recoveries outside of the laboratory control limits. Data for these analytes is qualified, without further corrective action, because the laboratory SOP allows a limited number of analytes to be outside of the control limits based on the number of analytes spiked.