April 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 March, 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 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

April 15, 2001

1.0 Introduction

This report summarizes the monthly effluent monitoring results for the Oconomowoc Electroplating Groundwater Treatment Plant (OEGTP) for March, 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. 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.

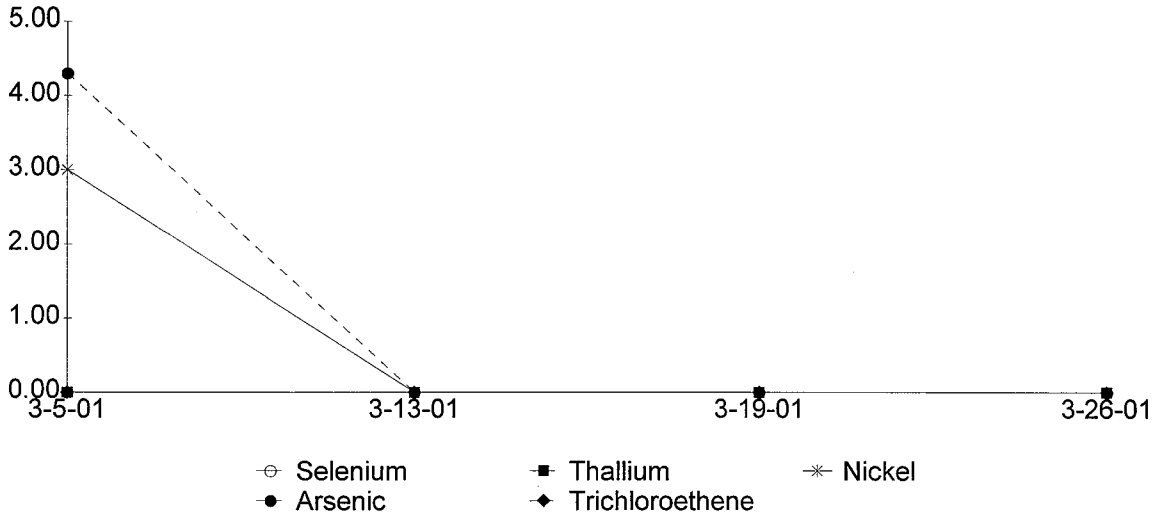
1.3 Effluent Monitoring

Weekly monitoring was conducted on March 5, 13, 19, and 26. The weekly samples for March were tested by APL, Inc. The monthly samples that were taken on March 5, were split-sampled and sent to En Chem, Inc. located in Madison, WI. This was requested by the USACE and will be conducted quarterly for their QA requirements. The results of the effluent monitoring tests for the samples taken in March showed no exceedences of the WDNR effluent discharge permit.

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 March 1. 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 March 1, 5, 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. The sampling was extended over several days due to several of the wells being frozen.

2.0 Plant Permit Exceedences

Paul Kozol, Project Manager from the WDNR, was notified about the exceedence of Arsenic and Thallium from the March 5 split-sampling. The March 5 results of the split-sampling of Arsenic was 11 ug/l and 4.3 ug/l. The permit limit for Arsenic is 5 ug/l. The March 5 results of the split-sampling of Thallium was 3 ug/l and "Less Than the Level of Detection." The permit limit

for Thallium is 0.4 ug/l. Mr. Kozol allowed the plant to continue to operate based on the lab re-running the samples and the results were that both samples were less than the Permit Limits.

The results of the March 13 weekly sampling round showed an exceedence in Arsenic. The March 13 Arsenic result was 42 ug/l and the permit limit is 5 ug/l. A request to rerun the samples was made and Paul Kozol, Project Manager from the WDNR, was notified about the exceedence. After re-running the samples, the Arsenic result was "Less Than the Level of Detection."

The results of the March 19 weekly sampling round showed an exceedence in Arsenic and Selenium. The March 19 Arsenic result was 6.7 ug/l and the permit limit is 5 ug/l. The March 19 Selenium result was 24 ug/l and the permit limit is 10 ug/l. A request to rerun the samples was made and Paul Kozol, Project Manager from the WDNR, was notified about the exceedences. After re-running the samples, both Arsenic and Selenium were "Less Than the Level of Detection."

3.0 Treatment Plant Shut Downs

The Treatment Plant was shut down four times for a total of 16 hours in March, 2001. The shut downs were due to Clean RMT-301 and FT-311 and the Discharge Line from CRT-211, due to the Failure of TFP-111, to Install a Union in the CRT's By-Pass Line, and due to the Failure of TFP-110. Table 1 shows the summary of the plant down times for the month of March, 2001.

Table 1 - Plant Down Time Summary

Date(s)	Number Hours Shut Down	Reason
3-2-01	1.75	Shut Down to Clean RMT-301 & FT-311 & CRT-211Discharge Line
3-11/12-01	13	Shut Down Due to TFP-111 Failure
3-15-01	0.5	Shut Down to Install a Union in the CRT's By-Pass Line
3-19-01	0.75	Shut Down Due to TFP-110 Failure
TOTAL	**16**	

3.1 Shut Down to Clean RMT-301/FT-311 and CRT-211's Discharge Line

On March 2, 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 and 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 clearing the discharge line from CRT-211 using the pressure washer with the jetter heads. Total down time was 1.75 hours. APL Inc., WDNR, and USACE were notified.

3.2 Shut Down Due to TFP-111 Failure

On March 12, the treatment plant was discovered shut down upon the arrival of the operator. After a walk through inspection, it was determined that the shut down was due to the Failure of the Treatment System Feed Pump (TFP-111). TFP-111 was isolated and the stand-by Treatment System Feed Pump (TFP-110) was put in line and activated. The initial shut down occurred at 4:00 P.M. on March 11 and the treatment system was reactivated at 5:00 A.M. on March 12. TFP-111 was dismantled, inspected, and cleaned. The failure was caused from the sludge/ hardness build-up stopping the impeller from rotating. The wet end of the pump was cleaned with an inhibited Muriatic acid solution, lubricated, and reassembled. TFP-111 was put back in line and tested. It was functioning normally and was kept in the lead position. TFP-110 was put back into the stand-by position. Total down time was 13 hours. APL Inc., WDNR, and USACE were notified.

3.3 Shut Down to Install a Union in the CRT's By-Pass Line

On March 15, the treatment plant was shut down and the piping from the Cyanide Reaction Tank (CRT-211) to the Rapid Mix Tank (RMT-301) and the line from the Treatment System Feed Pumps (TFP-110/111) to the Rapid Mix Tank (RMT-301) were isolated and drained. An Acid

The CRT's By-Pass Line was cut in two to retrieve a jetter head that fell into it. A union was installed to aid the operators in retrieving any more parts that may fall into the piping. The piping was reassembled and the treatment plant was re-started. Total down time was 0.5 hours. The USACE, WDNR, and APL, Inc. were notified of the shut down.

3.4 Shut Down Due to TFP-110 Failure

On March 19, the treatment plant was discovered shut down after the acid cleaning of the piping from the Extraction Wells (EW-1/2/3/4/5) by the operators. The shut down was caused by the interrupted flow from the chemical reaction between the acid and the sludge/ hardness build-up in the piping from the Equalization Tank (EQT-100) and the Treatment System Feed Pump (TFP-110) that was read by the Programmable Logic Controller (PLC) as a drop in flow. The treatment plant was shut down for 45 minutes before the operators were able to restart it. Total down time was 0.75 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 7 times during the month of March, 2001. It was filled and emptied on March 1, 3, 7, 14, 16, 27, and 28. The dewatered sludge is sampled 1 time per year. 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 initial opening of the press and dumping into and sampling of the new hopper occurred on January 22. There were 14 filter press loads of dewatered sludge in the new hopper at the end of March, 2001. The old sludge hopper was removed and a new sludge hopper was installed on March 30.

5.0 Summary

Groundwater Treatment Plant effluent monitoring was conducted on March 5, 13, 19, and 26 of 2001. Another round of Extraction and Monitoring Wells' sampling was conducted in March, 2001. Split-sampling and analysis was conducted on the March 5 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 that there were 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 March, 2001, the plant was shut down four times for a total of 16 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 April 15, 2001.

The Filter Press was filled and emptied 6 times during the month of March, 2001. The hopper had 14 Filter Press fillings in it at the end of March, 2001. The old sludge hopper was removed and a new sludge hopper was installed on March 30.

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	3-5-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	6.9	11.6	N/A	N/A	7.5/7.5	Monitor	
TSS	<1	NT	NT	NT	<1/<5.9	Monitor	mg/l
Arsenic	20	16	11	NT	4.3/0.63	5	*
Barium	110	10	10	NT	10/8.5	400	
Cadmium	<0.4	<0.4	<0.4	NT	<0.4/<0.066	0.5	
Cadmium Total Recoverable	<0.4	<0.4	<0.4	NT	<0.4/<0.11	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2/<6.7	Monitor	
Chromium Total	<8	<8	<8	NT	<8/2.9	10	
Copper	<6	<6	<6	NT	<6/<2.3	Monitor	
Iron	1000	<81	<81	NT	<81/<49	Monitor	
Lead	<1.5	<1.5	<1.5	NT	<1.5/1.4	1.5	
Manganese	150	<6	<6	NT	<6/2.6	Monitor	
Mercury	<0.2	<0.2	<0.2	NT	<0.2/<0.021	0.2	
Nickel	<11	<11	<11	NT	<11/3	20	
Selenium	<4.8	10	24	NT	<4.8/1.3	10	
Silver	<4	<4	<4	NT	<4/<0.14	10	
Thallium	2.1	3.6	3.6	NT	<1.3/<0.06	0.4	*
Zinc	<14	<14	<14	NT	<14/11	Monitor	
Cyanide	20	<6	NT	NT	<6/<1.3	40	
Cyanide Amenable	<6	<6	NT	NT	<6/<2.8	Monitor	
1,1-Dichloroethane	23	NT	<0.32	<0.32/<0.32	<0.32/<0.61	85	
1,2-Dichloroethane	<1.8	NT	<0.35	<0.35/<0.35	<0.35/<0.54	0.5	
1,1-Dichloroethene	<1.7	NT	<0.34	<0.34/<0.34	<0.34/<0.47	0.7	
1,2-Dichloroethene Cis	38	NT	<0.27	<0.27/<0.27	<0.27/<0.46	7	
1,2-Dichloroethene Trans	<1.3	NT	<0.25	<0.25/<0.25	<0.25/<0.64	20	
Ethylbenzene	<1.3	NT	<0.25	<0.25/<0.25	<0.25/<0.5	140	
Methylene Chloride	<1.5	NT	<0.3	<0.3/<0.3	<0.3/<0.38	0.5	
Tetrachloroethene	<1.6	NT	<0.31	<0.31/<0.31	<0.31/<0.41	0.5	
Toluene	<1.5	NT	<0.29	<0.29/<0.29	<0.29/<0.4	68	
1,1,1-Trichloroethane	135	NT	<0.31	<0.31/<0.31	<0.31/<0.53	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44/<0.44	<0.44/<0.47	0.5	
TCE	488	NT	<0.34	<0.34/<0.34	<0.34/<0.49	0.5	
Vinyl Chloride	<1	NT	<0.2	<0.2/<0.2	<0.2/<0.17	0.2	
Xylene Total	<2.7	NT	<0.53	<0.53/<0.53	<0.53/<1.2	124	
COD	20	NT	NT	NT	5.2/<2.6	Monitor	mg/l
Phosphorus Total	NT	NT	NT	NT	<0.1/<0.098	Monitor	mg/l
Nitrate + Nitrite	NT	NT	NT	NT	4.5/0.39	Monitor	mg/l
Ammonia Nitrogen	NT	NT	NT	NT	0.42/0.72	Monitor	mg/l

NT = Not Tested.
N/A = Not Applicable at this time.
ug/l = Micrograms per Liter.
mg/l = Milligrams per Liter.
Second Effluent Result Is From the USACE QA Sampling Comparison on Effluent with En Chem, Inc.
Second Result "Between Carbon Filters" is In-House QA Check.
*--Retested by APL, Inc. (First Results-Arsenic 11ug/l; Thallium 3ug/l;).

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	3-13-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	6.9	11.3	N/A	N/A	7.6	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	59	NT	NT	NT	<5.6	5	*
Barium	120	NT	NT	NT	10	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	1000	NT	NT	NT	130	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	150	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	22	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	35	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	156	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	479	NT	<0.34	<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.

*--Retested by APL, Inc. (first result was 42 ug/l).

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	3-19-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7	11.4	N/A	N/A	7.7	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	<5.6	NT	NT	NT	<5.6	5	*
Barium	110	NT	NT	NT	20	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	700	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	140	NT	NT	NT	<6	Monitor	
Mercury	<0.2	NT	NT	NT	<0.2	0.2	
Nickel	20	NT	NT	NT	<8	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	36	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	123	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	444	NT	<0.34	<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.

*--Retested by APL, Inc.--First Arsenic Result (6.7 ug/l), First Selenium Result (24 ug/l).

OCONOMOWOC GROUNDWATER TREATMENT PLANT							
Weekly Sampling Results					Date:	3-26-01	
Parameter	Influent	After FT-311	After Air Stripper	After Carbon Filters	Effluent	WDNR Site Permit ug/l	
pH	7.1	11.4	N/A	N/A	7.5	Monitor	
TSS	NT	NT	NT	NT	NT	Monitor	mg/l
Arsenic	6	NT	NT	NT	<5.6	5	
Barium	110	NT	NT	NT	10	400	
Cadmium	<0.4	NT	NT	NT	<0.4	0.5	
Cadmium Total Recoverable	<0.4	NT	NT	NT	<0.4	Monitor	
Chromium +6	<4.2	NT	NT	NT	<4.2	Monitor	
Chromium Total	<8	NT	NT	NT	<8	10	
Copper	<6	NT	NT	NT	<6	Monitor	
Iron	780	NT	NT	NT	<81	Monitor	
Lead	<1.5	NT	NT	NT	<1.5	1.5	
Manganese	160	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	16	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	28	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	117	NT	<0.31	<0.31	<0.31	40	
1,1,2-Trichloroethane	<2.2	NT	<0.44	<0.44	<0.44	0.5	
TCE	424	NT	<0.34	<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

EXTRACTION WELLS					Date:	(ug/l) 36951
Parameter	EW-1	EW-2	EW-3	EW-4	EW-5	WW-1
pH	6.9	7	7	7.1	6.9	6.9
Arsenic	<5.6	<5.6	6.9	<5.6	<5.6	<5.6
Barium	60	70	130	120	140	300
Cadmium	0.72	<0.4	<0.4	<0.4	1.2	<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	30	<8	30	<8
Copper	10	10	10	20	150	100
Iron	490	850	3700	1300	22000	660
Lead	<1.5	<1.5	<1.5	10	32	153
Manganese	290	70	90	330	150	<6
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	15
Silver	<4	<4	<4	<4	<4	5
Thallium	<1.3	1.5	2.1	5	1.9	2.3
Zinc	<14	30	<14	<14	1700	40
Cyanide	10	<6	7	10	30	<6
Cyanide Amenable	<6	<6	<6	<6	<6	<6
1,1-Dichloroethane	<0.32	<0.32	6.7	37	61	<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	<0.27	16	75	74	<0.27
1,2-Dichloroethene Tran	<0.25	<0.25	<0.25	<5	<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	5	557	178	<0.31
1,1,2-Trichloroethane	<0.44	<0.44	<0.44	<8.8	<4.4	<0.44
TCE	2.6	4.6	40	1220	734	<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) March 2001	
Parameter	MW02DP	MW03SP	MW05P	MW05DP	MW06P	MW11BP	
pH	6.48	DRY	DRY	6.95	DRY	COVERED	
Conductivity	1244	NT	NT	1002	NT	NT	uMHOS/CM
Arsenic	6.9	NT	NT	11	NT	NT	
Barium	80	NT	NT	90	NT	NT	
Cadmium	<0.4	NT	NT	<0.4	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	20	NT	NT	
Copper	10	NT	NT	<6	NT	NT	
Iron	1100	NT	NT	2900	NT	NT	
Lead	<1.5	NT	NT	<1.5	NT	NT	
Manganese	30	NT	NT	90	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	4.3	NT	NT	3.7	NT	NT	
Zinc	<14	NT	NT	<14	NT	NT	
Cyanide	7	NT	NT	8	NT	NT	
Cyanide Free	<6	NT	NT	<6	NT	NT	
1,1-Dichloroethane	<0.32	NT	NT	30	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	68	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	578	NT	NT	
Vinyl Chloride	<0.2	NT	NT	<1	NT	NT	
Xylene Total	<0.53	NT	NT	<2.7	NT	NT	
Temperature (C)	5.8	NT	NT	5.1	NT	NT	

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

OCONOMOWOC GROUNDWATER TREATMENT PLANT

MONITORING WELL					Date:	(ug/l) March 2001	
Parameter	MW12BP	MW12DP	MW13SP	MW14DP	MW15DP	MW16SP	
pH	7.21	6.41	7.06	7.05	6.63	7.95	
Conductivity	1034	1240	759	762	1304	2457	uMHOS/CM
Arsenic	25	<5.6	<5.6	20	<5.6	<5.6	
Barium	100	90	40	40	100	30	
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	10	10	270	<8	<8	10	
Copper	<6	600	20	10	10	10	
Iron	1100	2700	6100	<81	100	15000	
Lead	<1.5	<1.5	2.3	<1.5	<1.5	4.9	
Manganese	70	70	220	60	210	350	
Mercury	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	
Nickel	40	30	260	<11	<11	20	
Selenium	<4.8	<4.8	<4.8	5.5	5.5	<4.8	
Silver	<4	<4	<4	<4	<4	4	
Thallium	<1.3	<1.3	<1.3	<1.3	9.9	<1.3	
Zinc	30	<14	20	<14	30	50	
Cyanide	<6	<6	<6	<6	7	<6	
Cyanide Free	<6	<6	<6	<6	<6	<6	
1,1-Dichloroethane	<0.32	151	<0.32	<0.32	<0.32	<1.6	
1,2-Dichloroethane	<0.35	<0.88	<0.35	<0.35	<0.35	<1.8	
1,1-Dichloroethene	<0.34	53	<0.34	<0.34	<0.34	<1.7	
1,2-Dichloroethene Cis	<0.27	34	<0.27	<0.27	4.5	275	
1,2-Dichloroethene Trans	<0.25	<0.63	<0.25	<0.25	<0.25	<1.3	
Ethylbenzene	<0.25	<0.63	<0.25	<0.25	<0.25	<1.3	
Methylene Chloride	<0.3	<0.75	<0.3	<0.3	<0.3	<1.5	
Tetrachloroethene	<0.31	<0.78	<0.31	<0.31	<0.31	<1.6	
Toluene	<0.29	<0.73	<0.29	<0.29	<0.29	<1.5	
1,1,1-Trichloroethane	<0.31	161	<0.31	<0.31	<0.31	<1.6	
1,1,2-Trichloroethane	<0.44	<1.1	<0.44	<0.44	<0.44	<2.2	
TCE	<0.34	44	<0.34	<0.34	31	<1.7	
Vinyl Chloride	<0.2	<0.5	<0.2	<0.2	<0.2	119	
Xylene Total	<0.53	<1.3	<0.53	<0.53	<0.53	<2.7	
Temperature (C)	3.6	3.6	2.7	4.6	8.7	5.7	

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

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

FLOW FROM EXTRACTION WELLS

YEAR: 2001				
MONTH: March DAY	FE-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	6,536,180.00	32,980.00	0.033	SHUT DOWN
2	6,569,160.00	23,357.00	0.023	
3	6,592,517.00	39,932.00	0.040	
4	6,632,449.00	37,643.00	0.038	
5	6,670,092.00	34,311.00	0.034	
6	6,704,403.00	33,512.00	0.034	
7	6,737,915.00	34,469.00	0.034	
8	6,772,384.00	31,425.00	0.031	
9	6,803,809.00	21,987.00	0.022	
10	6,825,796.00	37,882.00	0.038	
11	6,863,678.00	27,903.00	0.028	SHUT DOWN
12	6,891,581.00	32,786.00	0.033	SHUT DOWN
13	6,924,367.00	32,147.00	0.032	
14	6,956,514.00	32,963.00	0.033	
15	6,989,477.00	32,373.00	0.032	
16	7,021,850.00	21,824.00	0.022	
17	7,043,674.00	35,567.00	0.036	
18	7,079,241.00	33,160.00	0.033	
19	7,112,401.00	36,094.00	0.036	SHUT DOWN
20	7,148,495.00	36,181.00	0.036	
21	7,184,676.00	36,331.00	0.036	
22	7,221,007.00	34,792.00	0.035	
23	7,255,799.00	24,313.00	0.024	
24	7,280,112.00	37,111.00	0.037	
25	7,317,223.00	45,611.00	0.046	
26	7,362,834.00	33,373.00	0.033	
27	7,396,207.00	36,087.00	0.036	
28	7,432,294.00	35,106.00	0.035	
29	7,467,400.00	34,613.00	0.035	
30	7,502,013.00	21,851.00	0.022	
31	7,523,864.00	37,777.00	0.038	
April 01	7,561,641.00			
		TOTAL	1.025	
		AVERAGE	0.033	

FLOW FROM EXTRACTION WELLS

YEAR: 2001

MONTH: March DAY	FIT-100 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	937,982.00	33,033.50	0.033	SHUT DOWN
2	971,015.50	22,033.00	0.022	
3	993,048.50	41,484.90	0.041	
4	1,034,533.40	35,967.50	0.036	
5	1,070,500.90	36,723.70	0.037	
6	1,107,224.60	33,731.20	0.034	
7	1,140,955.80	33,930.40	0.034	
8	1,174,886.20	31,527.00	0.032	
9	1,206,413.20	21,455.40	0.021	
10	1,227,868.60	38,596.50	0.039	
11	1,266,465.10	28,023.40	0.028	SHUT DOWN
12	1,294,488.50	32,941.90	0.033	SHUT DOWN
13	1,327,430.40	32,253.40	0.032	
14	1,359,683.80	33,145.80	0.033	
15	1,392,829.60	32,319.60	0.032	
16	1,425,149.20	19,766.40	0.020	
17	1,444,915.60	37,777.90	0.038	
18	1,482,693.50	33,281.70	0.033	
19	1,515,975.20	36,435.70	0.036	SHUT DOWN
20	1,552,410.90	36,136.00	0.036	
21	1,588,546.90	36,419.30	0.036	
22	1,624,966.20	34,996.70	0.035	
23	1,659,962.90	23,704.00	0.024	
24	1,683,666.90	37,879.70	0.038	
25	1,721,546.60	46,413.50	0.046	
26	1,767,960.10	32,774.50	0.033	
27	1,800,734.60	36,230.50	0.036	
28	1,836,965.10	35,272.60	0.035	
29	1,872,237.70	34,744.20	0.035	
30	1,906,981.90	20,986.80	0.021	
31	1,927,968.70	38,809.50	0.039	
April 01	1,966,778.20			
		TOTAL	1.028	
		AVERAGE	0.033	

FLOW FROM EQT-100

YEAR: 2001

MONTH: March DAY	FE-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	3,553,500.00	41,784.00	0.042	
2	3,595,284.00	30,747.00	0.031	SHUT DOWN
3	3,626,031.00	54,307.00	0.054	
4	3,680,338.00	48,311.00	0.048	
5	3,728,649.00	44,670.00	0.045	
6	3,773,319.00	43,108.00	0.043	
7	3,816,427.00	42,428.00	0.042	
8	3,858,855.00	37,893.00	0.038	
9	3,896,748.00	26,797.00	0.027	
10	3,923,545.00	45,054.00	0.045	
11	3,968,599.00	29,138.00	0.029	SHUT DOWN
12	3,997,737.00	43,135.00	0.043	SHUT DOWN
13	4,040,872.00	41,691.00	0.042	
14	4,082,563.00	41,470.00	0.041	
15	4,124,033.00	42,431.00	0.042	SHUT DOWN
16	4,166,464.00	26,912.00	0.027	
17	4,193,376.00	44,817.00	0.045	
18	4,238,193.00	47,441.00	0.047	
19	4,285,634.00	44,990.00	0.045	SHUT DOWN
20	4,330,624.00	44,479.00	0.044	
21	4,375,103.00	45,444.00	0.045	
22	4,420,547.00	44,548.00	0.045	
23	4,465,095.00	31,227.00	0.031	
24	4,496,322.00	48,327.00	0.048	
25	4,544,649.00	59,276.00	0.059	
26	4,603,925.00	43,514.00	0.044	
27	4,647,439.00	47,701.00	0.048	
28	4,695,140.00	44,265.00	0.044	
29	4,739,405.00	45,381.00	0.045	
30	4,784,786.00	28,601.00	0.029	
31	4,813,387.00	46,310.00	0.046	
April 01	4,859,697.00			
		TOTAL	1.304	
		AVERAGE	0.042	

FLOW FROM EQT-100

YEAR: 2001				
MONTH: March DAY	FIT-112 FLOW TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	3,805,131.20	41,885.40	0.042	
2	3,847,016.60	28,855.10	0.029	SHUT DOWN
3	3,875,871.70	56,442.80	0.056	
4	3,932,314.50	48,632.40	0.049	
5	3,980,946.90	45,120.80	0.045	
6	4,026,067.70	43,515.40	0.044	
7	4,069,583.10	41,644.70	0.042	
8	4,111,227.80	38,044.20	0.038	
9	4,149,272.00	26,013.90	0.026	
10	4,175,285.90	45,947.20	0.046	
11	4,221,233.10	29,222.90	0.029	SHUT DOWN
12	4,250,456.00	43,212.20	0.043	SHUT DOWN
13	4,293,668.20	41,354.40	0.041	
14	4,335,022.60	42,155.60	0.042	
15	4,377,178.20	42,350.80	0.042	SHUT DOWN
16	4,419,529.00	24,304.60	0.024	
17	4,443,833.60	47,622.70	0.048	
18	4,491,456.30	47,569.70	0.048	
19	4,539,026.00	44,928.30	0.045	SHUT DOWN
20	4,583,954.30	44,752.60	0.045	
21	4,628,706.90	45,604.70	0.046	
22	4,674,311.60	44,695.10	0.045	
23	4,719,006.70	30,367.80	0.030	
24	4,749,374.50	49,177.60	0.049	
25	4,798,552.10	60,417.10	0.060	
26	4,858,969.20	42,667.20	0.043	
27	4,901,636.40	47,830.50	0.048	
28	4,949,466.90	44,615.70	0.045	
29	4,994,082.60	45,298.80	0.045	
30	5,039,381.40	27,436.40	0.027	
31	5,066,817.80	47,615.10	0.048	
April 01	5,114,432.90			
		TOTAL	1.310	
		AVERAGE	0.042	

EFFLUENT FLOW FROM PLANT

YEAR: 2001

MONTH: March DAY	NPDES STATION TOTALIZER	TOTAL DAY'S FLOW (GAL.)	DAILY FLOW MGD	
1	8,929,118.00	33,281.00	0.033	SHUT DOWN
2	8,962,399.00	25,278.00	0.025	SHUT DOWN
3	8,987,677.00	43,047.00	0.043	
4	9,030,724.00	37,827.00	0.038	
5	9,068,551.00	36,908.00	0.037	
6	9,105,459.00	34,818.00	0.035	
7	9,140,277.00	36,079.00	0.036	
8	9,176,356.00	31,559.00	0.032	
9	9,207,915.00	22,509.00	0.023	
10	9,230,424.00	39,447.00	0.039	
11	9,269,871.00	18,994.00	0.019	SHUT DOWN
12	9,288,865.00	36,298.00	0.036	SHUT DOWN
13	9,325,163.00	34,823.00	0.035	
14	9,359,986.00	31,593.00	0.032	
15	9,391,579.00	35,006.00	0.035	SHUT DOWN
16	9,426,585.00	19,906.00	0.020	
17	9,446,491.00	36,142.00	0.036	
18	9,482,633.00	34,562.00	0.035	
19	9,517,195.00	38,337.00	0.038	SHUT DOWN
20	9,555,532.00	35,081.00	0.035	
21	9,590,613.00	35,536.00	0.036	
22	9,626,149.00	35,267.00	0.035	
23	9,661,416.00	26,983.00	0.027	
24	9,688,399.00	37,277.00	0.037	
25	9,725,676.00	47,569.00	0.048	
26	9,773,245.00	34,912.00	0.035	
27	9,808,157.00	39,461.00	0.039	
28	9,847,618.00	35,239.00	0.035	
29	9,882,857.00	36,761.00	0.037	
30	9,919,618.00	22,619.00	0.023	
31	9,942,237.00	38,877.00	0.039	
April 01	9,981,114.00			
			1.053	
			0.034	

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- Analytical Report -

Project Name : OGTP

Project Number :

Client : US ARMY CORPS OF ENGINEERS

Report Date : 3/16/01

WI DNR LAB ID : 113172950

Lab Sample No.	Field ID	Collection Date	Lab Sample No.	Field ID	Collection Date
910602-001	0103 05 WA09PQ	3/5/01			
910602-002	0103 05 WA09RQ	3/5/01			
910602-003	0103 05 WA09PQ	3/6/01			
910602-004	TRIP BLANK-Q				

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.

Tod Moltenmeyer
Approval Signature

3/16/01
Date

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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0103 05 WA09PQ
Lab Sample Number : 910602-001
Lab Project Number : 910602

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 3/16/01
Collection Date : 3/5/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Cyanide, free	< 0.0013	0.0013	0.0041		mg/L	A(0.0016)	3/9/01	SW846 4500	SW846 4500
Cyanide, total	< 0.0028	0.0028	0.0089		mg/L		3/9/01	EPA 335.4	EPA 335.4

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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0103 05 WA09RQ
Lab Sample Number : 910602-002
Lab Project Number : 910602

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 3/16/01
Collection Date : 3/5/01
Matrix Type : GROUNDWATER
WI DNR LAB ID : 113172950

Inorganic Results

Test	Result	LOD	LOQ	EQL	Units	Code	Analysis Date	Prep Method	Analysis Method
Arsenic	0.63	0.33	1.1		ug/L	Q	3/14/01	SW846 3015	SW846 6020
Barium	8.5	0.48	1.5		ug/L		3/14/01	SW846 3015	SW846 6020
Cadmium	< 0.066	0.066	0.21		ug/L		3/14/01	SW846 3015	SW846 6020
Cadmium - Recoverable	< 0.11	0.11	0.35		ug/L		3/14/01	SW846 3020A	SW846 6020
Chromium	2.9	0.71	2.3		ug/L		3/14/01	SW846 3015	SW846 6020
Copper	< 2.3	2.3	7.3		ug/L		3/14/01	SW846 3015	SW846 6020
Iron	< 49	49	160		ug/L		3/14/01	SW846 3015	SW846 6020
Lead	1.4	0.13	0.41		ug/L		3/14/01	SW846 3015	SW846 6020
Manganese	2.6	0.26	0.83		ug/L		3/14/01	SW846 3015	SW846 6020
Mercury	< 0.021	0.021	0.067		ug/L		3/7/01	SW846 7470A	SW846 7470A
Nickel	3.0	0.96	3.1		ug/L	Q	3/14/01	SW846 3015	SW846 6020
Selenium	1.3	0.63	2.0		ug/L	Q	3/14/01	SW846 3015	SW846 6020
Silver	< 0.14	0.14	0.45		ug/L		3/14/01	SW846 3015	SW846 6020
Thallium	< 0.060	0.060	0.19		ug/L		3/14/01	SW846 3015	SW846 6020
Zinc	11	3.9	12		ug/L	Q	3/14/01	SW846 3015	SW846 6020
COD	< 2.6	2.6	8.3		mg/L		3/8/01	EPA 410.4	EPA 410.4
Nitrogen, ammonia	0.72	0.040	0.13		mg/L	A(0.70)	3/12/01	EPA 350.1	EPA 350.1
Nitrogen, NO3 + NO2	0.39	0.015	0.048		mg/L		3/15/01	EPA 353.2	EPA 353.2
Phosphorus, total	< 0.098	0.098	0.31		mg/L		3/8/01	EPA 365.4	EPA 365.1
Solids, total suspended	< 5.9	5.9	19		mg/L		3/8/01	EPA 160.2	EPA 160.2

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- Analytical Report -

Project Name : OGTP
Project Number :
Station ID : 0103 05 WA09PQ
Lab Sample Number : 910602-003
Lab Project Number : 910602

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 3/16/01
Collection Date : 3/6/01
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	< 6.7	6.7	21		ug/L		3/6/01	SW846 7196A	SW846 7196A

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- Analytical Report -

Project Name : OGTP
Project Number :
Field ID : 0103 05 WA09PQ
Lab Sample Number : 910602-001
Lab Project Number : 910602

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 3/16/01
Collection Date : 3/5/01
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		3/6/01	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/6/01	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/6/01	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/6/01	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/6/01	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/6/01	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6		ug/L		3/6/01	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2		ug/L		3/6/01	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3		ug/L		3/6/01	SW846 8260B
Toluene	< 0.40	0.40	1.3		ug/L		3/6/01	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0		ug/L		3/6/01	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6		ug/L		3/6/01	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54		ug/L		3/6/01	SW846 8260B
Xylene, total	< 1.2	1.2	3.8		ug/L		3/6/01	SW846 8260B
4-Bromofluorobenzene	99				%Recov		3/6/01	SW846 8260B
Dibromofluoromethane	92				%Recov		3/6/01	SW846 8260B
Toluene-d8	101				%Recov		3/6/01	SW846 8260B

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

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- Analytical Report -

Project Name : OGTP
Project Number :
Field ID : TRIP BLANK-Q
Lab Sample Number : 910602-004
Lab Project Number : 910602

Submitter : US ARMY CORPS OF ENGINEERS
Report Date : 3/16/01
Collection Date :
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		3/6/01	SW846 8260B
1,1,2-Trichloroethane	< 0.47	0.47	1.5		ug/L		3/6/01	SW846 8260B
1,1-Dichloroethane	< 0.61	0.61	1.9		ug/L		3/6/01	SW846 8260B
1,1-Dichloroethene	< 0.47	0.47	1.5		ug/L		3/6/01	SW846 8260B
1,2-Dichloroethane	< 0.54	0.54	1.7		ug/L		3/6/01	SW846 8260B
cis-1,2-Dichloroethene	< 0.46	0.46	1.5		ug/L		3/6/01	SW846 8260B
Ethylbenzene	< 0.50	0.50	1.6		ug/L		3/6/01	SW846 8260B
Methylene chloride	< 0.38	0.38	1.2		ug/L		3/6/01	SW846 8260B
Tetrachloroethene	< 0.41	0.41	1.3		ug/L		3/6/01	SW846 8260B
Toluene	< 0.40	0.40	1.3		ug/L		3/6/01	SW846 8260B
trans-1,2-Dichloroethene	< 0.64	0.64	2.0		ug/L		3/6/01	SW846 8260B
Trichloroethene	< 0.49	0.49	1.6		ug/L		3/6/01	SW846 8260B
Vinyl chloride	< 0.17	0.17	0.54		ug/L		3/6/01	SW846 8260B
Xylene, total	< 1.2	1.2	3.8		ug/L		3/6/01	SW846 8260B
4-Bromofluorobenzene	102				%Recov		3/6/01	SW846 8260B
Dibromofluoromethane	90				%Recov		3/6/01	SW846 8260B
Toluene-d8	99				%Recov		3/6/01	SW846 8260B

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

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Inorganic Data Qualifier Sheet

A	Analyte is detected in the method blank ~~(See Form 3)~~. 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.
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.
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 concentrations greater than 50 times the EQL (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. All other supporting QC was within the acceptable control limits.

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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 subcontractedto 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.

APL INC.

INORGANIC REPORT

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

WDNR# 241340550

INVOICE NUMBER **20010127**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 23143 Matrix: GW
Client ID: **010301EW01P**
Collection: 3/1/2001 Time: 09:25
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	jz	3/6/2001	996576	
Barium - ICAP	0.06	mg/l	rj	0.007	0.02	200.7	bb	3/5/2001	996562	
Cadmium - Furnace AA	0.72	ug/l	J RJ	0.4	1.3	213.2	jz	3/21/2001	996558	
Cadmium-Total Recoverable	<0.4	ug/l	TTR	0.4	1.3	7131		3/22/2001	996682	
Chromium, Total - ICAP	<0.008	mg/l	rj	0.008	0.03	200.7	bb	3/5/2001	996562	
Copper- ICAP	0.01	mg/l	J rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Iron - ICAP	0.49	mg/l	rj	0.081	0.26	200.7	bb	3/5/2001	996562	
Lead - Furnace AA	<1.5	ug/l	rj	1.5	4.8	239.2	jz	3/5/2001	996566	
Manganese - ICAP	0.29	mg/l	rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Mercury CV	<0.0002	mg/l		0.0002	0.0006	245.1			996595	
Nickel - ICAP	0.02	mg/l	J rj	0.011	0.03	200.7	bb	3/5/2001	996562	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	3/2/2001	996553	
Silver - ICAP	<0.004	mg/l	rj	0.004	0.01	200.7	bb	3/5/2001	996562	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	jz	3/7/01	996580	
Zinc - ICAP	<0.014	mg/l	rj	0.014	0.04	200.7	bb	3/5/2001	996562	
Chromium, Hexavalent	<0.0042	mg/l	RJ	0.004	0.01	SM 3500D	tm	3/2/2001	996586	
Cyanide, Amenable	<0.006	mg/l		0.006	0.02	335.2	tm	3/19/2001	996672	
Cyanide, Total	0.01	mg/l	J	0.006	0.02	335.2	tm	3/19/2001	996671	
pH (water)	6.9	s.u.	#			150.1	ogtp	3/2/2001	996547	

Sample Number: 23144 Matrix: GW
Client ID: **010301EW02P**
Collection: 3/1/2001 Time: 09:35
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	jz	3/6/2001	996576	
Barium - ICAP	0.07	mg/l	rj	0.007	0.02	200.7	bb	3/5/2001	996562	
Cadmium - Furnace AA	<0.4	ug/l	RJ	0.4	1.3	213.2	jz	3/5/2001	996558	
Chromium, Total - ICAP	<0.008	mg/l	rj	0.008	0.03	200.7	bb	3/5/2001	996562	
Copper- ICAP	0.01	mg/l	J rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Iron - ICAP	0.85	mg/l	rj	0.081	0.26	200.7	bb	3/5/2001	996562	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jz	3/6/2001	996570	
Manganese - ICAP	0.07	mg/l	rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Mercury CV	<0.0002	mg/l	rj	0.0002	0.0006	245.1	bb	3/9/2001	996595	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010127**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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	3/5/2001	*996562*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**1.5**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**0.03**	**mg/l**	***J* rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7**	**s.u.**	**#**			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23145 Matrix: GW
Client ID: **010301EW03P**
Collection: 3/1/2001 Time: 10:25
Sample Description:

Arsenic - Furnace AA	**6.9**	**ug/l**	***J* RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.13**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**0.03**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.01**	**mg/l**	***J* rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**3.7**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.09**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**2.1**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**0.007**	**mg/l**	***J***	0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7**	**s.u.**	**#**			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23146 Matrix: GW
Client ID: **010301EW04P**
Collection: 3/1/2001 Time: 10:15
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010127
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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
Barium - ICAP	**0.12**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.02**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**1.3**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**10**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.33**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**0.07**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**5**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**0.01**	**mg/l**	*J*	0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23147 Matrix: GW
Client ID: **010301EW05P**
Collection: 3/1/2001 Time: 09:15
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.14**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**1.2**	**ug/l**	*J* **RJ**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Cadmium-Total Recoverable	**<0.4**	**ug/l**	**TTR**	0.4	1.3	7131		3/22/2001	*996682*	
Chromium, Total - ICAP	**0.03**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.15**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**22**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**32**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.15**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**1.9**	**ug/l**	*J* **RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010127
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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
Zinc - ICAP	**1.7**	**mg/l**	**rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**0.03**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**6.9**	**s.u.**	#			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23148 Matrix: GW
Client ID: **010301WW01P**
Collection: 3/1/2001 Time: 09:05
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.3**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.1**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**0.66**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**153**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**<0.006**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	
Selenium - Furnace AA	**15**	**ug/l**	***J* RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**0.005**	**mg/l**	***J* rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**2.3**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**0.04**	**mg/l**	***J* rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**6.9**	**s.u.**	#			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23149 Matrix: GW
Client ID: **010301MW02DP**
Collection: 3/1/2001 Time: 11:15
Sample Description:

Arsenic - Furnace AA	**6.9**	**ug/l**	***J* RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.08**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**<.0008**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.01**	**mg/l**	***J* rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER 20010127
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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
Iron - ICAP	1.1	mg/l	rj	0.081	0.26	200.7	bb	3/5/2001	996562	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jz	3/6/2001	996570	
Manganese - ICAP	0.03	mg/l	rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Mercury CV	<0.0002	mg/l	rj	0.0002	0.0006	245.1	bb	3/9/2001	996595	
Nickel - ICAP	<0.011	mg/l	rj	0.011	0.03	200.7	bb	3/5/2001	996562	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	3/2/2001	996553	
Silver - ICAP	<0.004	mg/l	rj	0.004	0.01	200.7	bb	3/5/2001	996562	
Thallium - Furnace AA	4.3	ug/l	RJ	1.3	4.1	279.2	jz	3/7/01	996580	
Zinc - ICAP	<0.014	mg/l	rj	0.014	0.04	200.7	bb	3/5/2001	996562	
Chromium, Hexavalent	<0.0042	mg/l	RJ	0.004	0.01	SM 3500D	tm	3/2/2001	996586	
Cyanide, Amenable	<0.006	mg/l		0.006	0.02	335.2	tm	3/19/2001	996672	
Cyanide, Total	0.007	mg/l	J	0.006	0.02	335.2	tm	3/19/2001	996671	
pH (water)	6.5	s.u.	#			150.1	ogtp	3/2/2001	996547	

Sample Number: 23150 Matrix: GW
Client ID: **010301MW15DP**
Collection: 3/1/2001 Time: 12:25
Sample Description:

Arsenic - Furnace AA	<5.6	ug/l	RJ	5.6	18	206.2	jz	3/6/2001	996576	
Barium - ICAP	0.1	mg/l	rj	0.007	0.02	200.7	bb	3/5/2001	996562	
Cadmium - Furnace AA	<0.4	ug/l	TTR	0.4	1.3	213.2	jz	3/5/2001	996558	
Chromium, Total - ICAP	<0.008	mg/l	rj	0.008	0.03	200.7	bb	3/5/2001	996562	
Copper- ICAP	0.01	mg/l	J rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Iron - ICAP	0.1	mg/l	J rj	0.081	0.26	200.7	bb	3/5/2001	996562	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jz	3/6/2001	996570	
Manganese - ICAP	0.21	mg/l	rj	0.006	0.02	200.7	bb	3/5/2001	996562	
Mercury CV	<0.0002	mg/l	rj	0.0002	0.0006	245.1	bb	3/9/2001	996595	
Nickel - ICAP	<0.011	mg/l	rj	0.011	0.03	200.7	bb	3/5/2001	996562	
Selenium - Furnace AA	5.5	ug/l	J RJ	4.8	15	270.2	jz	3/2/2001	996553	
Silver - ICAP	<0.004	mg/l	rj	0.004	0.01	200.7	bb	3/5/2001	996562	
Thallium - Furnace AA	9.9	ug/l	RJ	1.3	4.1	279.2	jz	3/7/01	996580	
Zinc - ICAP	0.03	mg/l	J rj	0.014	0.04	200.7	bb	3/5/2001	996562	
Chromium, Hexavalent	<0.0042	mg/l	RJ	0.004	0.01	SM 3500D	tm	3/2/2001	996586	
Cyanide, Amenable	<0.006	mg/l		0.006	0.02	335.2	tm	3/19/2001	996672	
Cyanide, Total	0.007	mg/l	J	0.006	0.02	335.2	tm	3/19/2001	996671	
pH (water)	6.6	s.u.	#			150.1	ogtp	3/2/2001	996547	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010127**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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: 23151 Matrix: GW
Client ID: **010301MW14DP**
Collection: 3/1/2001 Time: 12:15
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	**20**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.04**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.01**	**mg/l**	*J* **rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**<0.081**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.06**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	
Selenium - Furnace AA	**5.5**	**ug/l**	*J* **RJ**	4.8	15	270.2	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/2/2001	*996547*	

Sample Number: 23152 Matrix: GW
Client ID: **010301MW13SP**
Collection: 3/1/2001 Time: 12:40
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	jz	3/6/2001	*996576*	
Barium - ICAP	**0.04**	**mg/l**	**rj**	0.007	0.02	200.7	bb	3/5/2001	*996562*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	3/5/2001	*996558*	
Chromium, Total - ICAP	**0.27**	**mg/l**	**rj**	0.008	0.03	200.7	bb	3/5/2001	*996562*	
Copper- ICAP	**0.02**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Iron - ICAP	**6.1**	**mg/l**	**rj**	0.081	0.26	200.7	bb	3/5/2001	*996562*	
Lead - Furnace AA	**2.3**	**ug/l**	*J* **RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.22**	**mg/l**	**rj**	0.006	0.02	200.7	bb	3/5/2001	*996562*	
Mercury CV	**<0.0002**	**mg/l**	**rj**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**0.26**	**mg/l**	**rj**	0.011	0.03	200.7	bb	3/5/2001	*996562*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010127**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 02-Mar-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	jz	3/2/2001	*996553*	
Silver - ICAP	**<0.004**	**mg/l**	**rj**	0.004	0.01	200.7	bb	3/5/2001	*996562*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/7/01	*996580*	
Zinc - ICAP	**0.02**	**mg/l**	***J*** **rj**	0.014	0.04	200.7	bb	3/5/2001	*996562*	
Chromium, Hexavalent	**<0.0042**	**mg/l**	**RJ**	0.004	0.01	SM 3500D	tm	3/2/2001	*996586*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/2/2001	*996547*	

Approved By: _____ **Date:** 4/16/01

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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: 23143 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 09:25
Client ID: 010301EW01P 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	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	2.6	**ug/l**	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23144 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 09:35
Client ID: 010301EW02P Sample Description:

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

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

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

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	3/2/2001 / 3/2/2001
Trichloroethene	4.6	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23145 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 10:25
Client ID: 010301EW03P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	5.0	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	6.7	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	**ug/l**	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	16	**ug/l**	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	**ug/l**	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	**ug/l**	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	**ug/l**	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	40	**ug/l**	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23146
Client ID: 010301EW04P

QC Prep Batch Number: 996555

Collection: 3/1/2001 Time: 10:15
Sample Description:

1,1,1,2-Tetrachloroethane	< 4.4	**ug/l**	4.4	14	20		8260	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	557	**ug/l**	6.2	20	20		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 8.8	**ug/l**	8.8	28	20		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 8.8	**ug/l**	8.8	28	20		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	37	**ug/l**	6.4	20	20		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 6.8	**ug/l**	6.8	22	20		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 8.6	**ug/l**	8.6	27	20		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 10	**ug/l**	10	32	20		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 10	**ug/l**	10	32	20		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 9.4	**ug/l**	9.4	30	20		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 6.0	**ug/l**	6.0	19	20		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	<9.2	ug/l	9.2	29	20		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	<6.8	ug/l	6.8	22	20		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	<7.0	ug/l	7.0	22	20		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	<6.4	ug/l	6.4	20	20		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	<6.8	ug/l	6.8	22	20		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	<5.2	ug/l	5.2	17	20		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	<7.8	ug/l	7.8	25	20		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	<7.2	ug/l	7.2	23	20		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	<6.6	ug/l	6.6	21	20		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	<5.4	ug/l	5.4	17	20		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	<28	ug/l	28	88	20		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	<14	ug/l	14	45	20		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	<6.0	ug/l	6.0	19	20		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	<5.2	ug/l	5.2	17	20		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	<16	ug/l	16	51	20		8260	qh	3/2/2001 / 3/2/2001
Acetone	<31	ug/l	31	99	20		8260	qh	3/2/2001 / 3/2/2001
Benzene	<5.4	ug/l	5.4	17	20		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	<6.2	ug/l	6.2	20	20		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	<7.4	ug/l	7.4	24	20		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	<7.6	ug/l	7.6	24	20		8260	qh	3/2/2001 / 3/2/2001
Bromoform	<7.8	ug/l	7.8	25	20		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	<13	ug/l	13	41	20		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	<5.4	ug/l	5.4	17	20		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	<5.2	ug/l	5.2	17	20		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	<13	ug/l	13	41	20		8260	qh	3/2/2001 / 3/2/2001
Chloroform	<4.8	ug/l	4.8	15	20		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	<9.8	ug/l	9.8	31	20		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	75	ug/l	5.4	17	20		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	<7.4	ug/l	7.4	24	20		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	<8.2	ug/l	8.2	26	20		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	<9.2	ug/l	9.2	29	20		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	<5.4	ug/l	5.4	17	20		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	<5.0	ug/l	5.0	16	20		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	<8.4	ug/l	8.4	27	20		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	<6.0	ug/l	6.0	19	20		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	<6.6	ug/l	6.6	21	20		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	<11	ug/l	11	34	20		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	<7.8	ug/l	7.8	25	20		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	<6.0	ug/l	6.0	19	20		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	<7.2	ug/l	7.2	23	20		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	<5.6	ug/l	5.6	18	20		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	<15	ug/l	15	48	20		8260	qh	3/2/2001 / 3/2/2001
o-xylene	<5.0	ug/l	5.0	16	20		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	<6.2	ug/l	6.2	20	20		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	<6.8	ug/l	6.8	22	20		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	< 5.0	**ug/l**	5.0	16	20		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 6.0	**ug/l**	6.0	19	20		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 6.2	**ug/l**	6.2	20	20		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 5.8	**ug/l**	5.8	18	20		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 5.0	**ug/l**	5.0	16	20		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 5.2	**ug/l**	5.2	17	20		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	1220	**ug/l**	6.8	22	20		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 4.8	**ug/l**	4.8	15	20		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 4.0	**ug/l**	4.0	13	20		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23147 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 09:15
Client ID: 010301EW05P Sample Description:

1,1,1,2-Tetrachloroethane	< 2.2	**ug/l**	2.2	7.0	10		8260	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	178	**ug/l**	3.1	9.9	10		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 4.4	**ug/l**	4.4	14	10		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 4.4	**ug/l**	4.4	14	10		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	61	**ug/l**	3.2	10	10		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 3.4	**ug/l**	3.4	11	10		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 4.3	**ug/l**	4.3	14	10		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 5.0	**ug/l**	5.0	16	10		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 5.1	**ug/l**	5.1	16	10		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 4.7	**ug/l**	4.7	15	10		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 3.0	**ug/l**	3.0	9.5	10		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 4.6	**ug/l**	4.6	15	10		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 3.4	**ug/l**	3.4	11	10		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 3.5	**ug/l**	3.5	11	10		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 3.2	**ug/l**	3.2	10	10		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 3.4	**ug/l**	3.4	11	10		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 2.6	**ug/l**	2.6	8.3	10		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 3.9	**ug/l**	3.9	12	10		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 3.6	**ug/l**	3.6	11	10		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 3.3	**ug/l**	3.3	10	10		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 2.7	**ug/l**	2.7	8.6	10		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 14	**ug/l**	14	44	10		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 7.0	**ug/l**	7.0	22	10		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 3.0	**ug/l**	3.0	9.5	10		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 2.6	**ug/l**	2.6	8.3	10		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 8.0	**ug/l**	8.0	25	10		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 16	**ug/l**	16	49	10		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 2.7	**ug/l**	2.7	8.6	10		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 3.1	**ug/l**	3.1	9.9	10		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 3.7	**ug/l**	3.7	12	10		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 3.8	**ug/l**	3.8	12	10		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	<3.9	ug/l	3.9	12	10		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	<6.5	ug/l	6.5	21	10		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	<2.7	ug/l	2.7	8.6	10		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	6.6	ug/l	2.6	8.3	10	J	8260	qh	3/2/2001 / 3/2/2001
Chloroethane	<6.4	ug/l	6.4	20	10		8260	qh	3/2/2001 / 3/2/2001
Chloroform	<2.4	ug/l	2.4	7.6	10		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	<4.9	ug/l	4.9	16	10		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	74	ug/l	2.7	8.6	10		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	<3.7	ug/l	3.7	12	10		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	<4.1	ug/l	4.1	13	10		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	<4.6	ug/l	4.6	15	10		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	<2.7	ug/l	2.7	8.6	10		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	<2.5	ug/l	2.5	8.0	10		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	<4.2	ug/l	4.2	13	10		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	<3.0	ug/l	3.0	9.5	10		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	<3.3	ug/l	3.3	10	10		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	<5.3	ug/l	5.3	17	10		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	<3.9	ug/l	3.9	12	10		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	<3.0	ug/l	3.0	9.5	10		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	<3.6	ug/l	3.6	11	10		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	<2.8	ug/l	2.8	8.9	10		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	<7.5	ug/l	7.5	24	10		8260	qh	3/2/2001 / 3/2/2001
o-xylene	<2.5	ug/l	2.5	8.0	10		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	<3.1	ug/l	3.1	9.9	10		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	<3.4	ug/l	3.4	11	10		8260	qh	3/2/2001 / 3/2/2001
Styrene	<2.5	ug/l	2.5	8.0	10		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	<3.0	ug/l	3.0	9.5	10		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	<3.1	ug/l	3.1	9.9	10		8260	qh	3/2/2001 / 3/2/2001
Toluene	<2.9	ug/l	2.9	9.2	10		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	<2.5	ug/l	2.5	8.0	10		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	<2.6	ug/l	2.6	8.3	10		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	734	ug/l	3.4	11	10		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	<2.4	ug/l	2.4	7.6	10		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	<2.0	ug/l	2.0	6.4	10		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23148 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 09:05
Client ID: 010301WW01P Sample Description:

1,1,1,2-Tetrachloroethane	<0.22	ug/l	0.22	0.70	1		8260	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	<0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	<0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	<0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	<0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	<0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23149 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 11:15
Client ID: 010301MW02DP Sample Description:

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

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23150 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 12:25
Client ID: 010301MW15DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/2/2001 / 3/2/2001

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

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	6.0	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	4.5	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	31	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23151
Client ID: 010301MW14DP

QC Prep Batch Number: 996555

Collection: 3/1/2001 Time: 12:15
Sample Description:

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

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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: 23152 QC Prep Batch Number: 996555 Collection: 3/1/2001 Time: 12:40
Client ID: 010301MW13SP 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	qh	3/2/2001 / 3/2/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/2/2001 / 3/2/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Sample Number: 23153
Client ID: Trip Blank

QC Prep Batch Number: 996555

Collection: 3/1/2001 Time:
Sample Description:

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

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	3/2/2001 / 3/2/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/2/2001 / 3/2/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/2/2001 / 3/2/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/2/2001 / 3/2/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/2/2001 / 3/2/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/2/2001 / 3/2/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/2/2001 / 3/2/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/2/2001 / 3/2/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/2/2001 / 3/2/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/2/2001 / 3/2/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/2/2001 / 3/2/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/2/2001 / 3/2/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/2/2001 / 3/2/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/2/2001 / 3/2/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/2/2001 / 3/2/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/2/2001 / 3/2/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/2/2001 / 3/2/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/2/2001 / 3/2/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/2/2001 / 3/2/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/2/2001 / 3/2/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/2/2001 / 3/2/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010127**
DATE REPORTED: 05-Mar-01
DATE RECEIVED: 02-Mar-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	3/2/2001 / 3/2/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/2/2001 / 3/2/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/2/2001 / 3/2/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/2/2001 / 3/2/2001

Approved By: _____ **Date:** 3/5/01

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

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

INVOICE NUMBER **20010129**
DATE REPORTED: 26-Mar-01
DATE RECEIVED: 05-Mar-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: 23167	Matrix: GW							Collection: 3/5/2001	Time:	
Client ID: **010305WAO7P**								Sample Description:		
Arsenic - Furnace AA	**11**	**ug/l**	***J* RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.01**	**mg/l**	***J* RJ**	0.007	0.02	200.7	bb	3/6/2001	*996571*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	3/6/2001	*996571*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/6/2001	*996571*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/6/2001	*996571*	
Selenium - Furnace AA	**24**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/6/2001	*996571*	
Thallium - Furnace AA	**3.6**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jz	3/7/1901	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/6/2001	*996571*	
Sample Number: 23168	Matrix: GW							Collection: 3/5/2001	Time: 10:50	
Client ID: **010305MW05DP**								Sample Description:		
Arsenic - Furnace AA	**11**	**ug/l**	***J* RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.09**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/6/2001	*996571*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**0.02**	**mg/l**	***J* RJ**	0.008	0.03	200.7	bb	3/6/2001	*996571*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Iron - ICAP	**2.9**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/6/2001	*996571*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.09**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/6/2001	*996571*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/6/2001	*996571*	
Thallium - Furnace AA	**3.7**	**ug/l**	***J* RJ**	1.3	4.1	279.2	jz	3/7/1901	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/6/2001	*996571*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010129**
DATE REPORTED: 26-Mar-01
DATE RECEIVED: 05-Mar-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	3/6/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**0.008**	**mg/l**	*J*	0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	

Sample Number: 23169 Matrix: GW
Client ID: **010305WAO1P**
Collection: 3/5/2001 Time: 10:10
Sample Description:

Arsenic - Furnace AA	**20**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/6/2001	*996571*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	3/6/2001	*996571*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Iron - ICAP	**1**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/6/2001	*996571*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**0.15**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/6/2001	*996571*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/6/2001	*996571*	
Thallium - Furnace AA	**2.1**	**ug/l**	*J* **RJ**	1.3	4.1	279.2	jz	3/7/1901	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/6/2001	*996571*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/6/2001	*996677*	
COD. Total	**20**	**mg/l**		3.4	11	410.4-CT	ta	3/7/2001	*996674*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**0.02**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**6.9**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	
Solids, Total Suspended	**<1**	**mg/l**		1	3.2	SM 2540D	jz	3/8/2001	*996598*	

Sample Number: 23170 Matrix: GW
Client ID: **010305WA03P**
Collection: 3/5/2001 Time: 10:33
Sample Description:

pH (water)	**12**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010129**
DATE REPORTED: 26-Mar-01
DATE RECEIVED: 05-Mar-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: 23171	Matrix: GW							Collection: 3/5/2001	Time: 10:30	
Client ID: **010305WAO2P**								Sample Description:		
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996672*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**9.6**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	
Sample Number: 23172	Matrix: GW							Collection: 3/5/2001	Time: 10:15	
Client ID: **010305WAO5P**								Sample Description:		
Arsenic - Furnace AA	**16**	**ug/l**	*J* RJ	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.01**	**mg/l**	*J* RJ	0.007	0.02	200.7	bb	3/6/2001	*996571*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	RJ	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	RJ	0.008	0.03	200.7	bb	3/6/2001	*996571*	
Copper- ICAP	**<0.006**	**mg/l**	RJ	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Iron - ICAP	**<0.081**	**mg/l**	RJ	0.081	0.26	200.7	bb	3/6/2001	*996571*	
Lead - Furnace AA	**<1.5**	**ug/l**	RJ	1.5	4.8	239.2	jz	3/6/2001	*996570*	
Manganese - ICAP	**<0.006**	**mg/l**	RJ	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Mercury CV	**<0.0002**	**mg/l**	RJ	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	RJ	0.011	0.03	200.7	bb	3/6/2001	*996571*	
Selenium - Furnace AA	**10**	**ug/l**	*J* RJ	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	RJ	0.004	0.01	200.7	bb	3/6/2001	*996571*	
Thallium - Furnace AA	**3.6**	**ug/l**	*J* RJ	1.3	4.1	279.2	jz	3/7/1901	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	RJ	0.014	0.04	200.7	bb	3/6/2001	*996571*	
pH (water)	**8**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	
Sample Number: 23173	Matrix: GW							Collection: 3/5/2001	Time: 10:35	
Client ID: **010305WAO9R**								Sample Description:		
Arsenic - Furnace AA	**4.3**	**ug/l**	*J* RJ	5.6	18	206.2	jz	3/6/2001	*996576*	
Barium - ICAP	**0.01**	**mg/l**	*J* RJ	0.007	0.02	200.7	bb	3/6/2001	*996571*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	RJ	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	RJ	0.008	0.03	200.7	bb	3/6/2001	*996571*	
Copper- ICAP	**<0.006**	**mg/l**	RJ	0.006	0.02	200.7	bb	3/6/2001	*996571*	
Iron - ICAP	**<0.081**	**mg/l**	RJ	0.081	0.26	200.7	bb	3/6/2001	*996571*	
Lead - Furnace AA	**<1.5**	**ug/l**	RJ	1.5	4.8	239.2	jz	3/6/2001	*996570*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010129**
DATE REPORTED: 26-Mar-01
DATE RECEIVED: 05-Mar-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	3/6/2001	*996571*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	bb	3/9/2001	*996595*	
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/6/2001	*996571*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/6/2001	*996571*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/7/1901	*996580*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/6/2001	*996571*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/6/2001	*996677*	
COD. Total	**5.2**	**mg/l**	*J*	3.4	11	410.4-CT	ta	3/7/2001	*996674*	
Nitrate + Nitrite Nitrogen	**4.5**	**mg/l**		0.03	0.10	353.3	ta	3/12/2001	*996675*	
Nitrogen, Ammonia	**0.42**	**mg/l**	*J*	0.42	1.3	350.1	ta	3/8/2001	*996678*	
Phosphorus, Total	**<0.1**	**mg/l**		0.1	0.32	365.2	ta	3/14/2001	*996676*	
Solids, Total Suspended	**<1**	**mg/l**		1	3.2	SM 2540D	jz	3/8/2001	*996598*	

Sample Number: 23174 Matrix: GW
Client ID: **010305WAO9P**
Collection: 3/5/2001 Time: 10:20
Sample Description:

Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/6/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2		3/19/2001		
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/19/2001	*996671*	
pH (water)	**7.5**	**s.u.**	#			150.1	ogtp	3/5/2001	*996561*	

Approved By: _____ **Date:** 3/26/01
James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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: 23164 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time:
Client ID: trip blank 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	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	2/6/01 / 3/6/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	2/6/01 / 3/6/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	2/6/01 / 3/6/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23165 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time:
Client ID: 010305WAO8Q Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	**ug/l**	0.22	0.70	1		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 0.44	**ug/l**	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	< 0.32	**ug/l**	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 0.43	**ug/l**	0.43	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 0.50	**ug/l**	0.50	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 0.51	**ug/l**	0.51	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 0.47	**ug/l**	0.47	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	< 0.46	**ug/l**	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 0.35	**ug/l**	0.35	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 0.32	**ug/l**	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001

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

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	2/6/01 / 3/6/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	2/6/01 / 3/6/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	2/6/01 / 3/6/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001

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

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	2/6/01 / 3/6/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23166 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time:
Client ID: 010305WAO8P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	2/6/01 / 3/6/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	2/6/01 / 3/6/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	2/6/01 / 3/6/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23167 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time:
Client ID: 010305WAO7P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	2/6/01 / 3/6/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	2/6/01 / 3/6/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	2/6/01 / 3/6/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	2/6/01 / 3/6/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23168 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time: 10:50
Client ID: 010305MW05DP Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	30	ug/l	1.6	5.1	5		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	2/6/01 / 3/6/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	2/6/01 / 3/6/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	qh	2/6/01 / 3/6/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	2/6/01 / 3/6/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	2/6/01 / 3/6/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	68	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	578	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23169 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time: 10:10
Client ID: 010305WAO1P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	135	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	23	ug/l	1.6	5.1	5		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	<2.2	ug/l	2.2	6.8	5		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	<2.5	ug/l	2.5	8.0	5		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	<2.6	ug/l	2.6	8.1	5		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	<2.4	ug/l	2.4	7.5	5		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	<1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	<2.3	ug/l	2.3	7.3	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	<1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	<1.8	ug/l	1.8	5.6	5		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	<1.6	ug/l	1.6	5.1	5		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	<1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	<1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	<2.0	ug/l	2.0	6.2	5		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	<1.8	ug/l	1.8	5.7	5		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	<1.7	ug/l	1.7	5.2	5		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	<1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	<6.9	ug/l	6.9	22	5		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	<3.5	ug/l	3.5	11	5		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	<1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	<1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	<4.0	ug/l	4.0	13	5		8260	qh	2/6/01 / 3/6/2001
Acetone	<7.8	ug/l	7.8	25	5		8260	qh	2/6/01 / 3/6/2001
Benzene	<1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	<1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	<1.9	ug/l	1.9	5.9	5		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	<1.9	ug/l	1.9	6.0	5		8260	qh	2/6/01 / 3/6/2001
Bromoform	<2.0	ug/l	2.0	6.2	5		8260	qh	2/6/01 / 3/6/2001
Bromomethane	<3.3	ug/l	3.3	10	5		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	<1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	<1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
Chloroethane	<3.2	ug/l	3.2	10	5		8260	qh	2/6/01 / 3/6/2001
Chloroform	<1.2	ug/l	1.2	3.8	5		8260	qh	2/6/01 / 3/6/2001
Chloromethane	<2.5	ug/l	2.5	7.8	5		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	38	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	<1.9	ug/l	1.9	5.9	5		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	<2.1	ug/l	2.1	6.5	5		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	<2.3	ug/l	2.3	7.3	5		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	<1.4	ug/l	1.4	4.3	5		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	<1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	<2.1	ug/l	2.1	6.7	5		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	<1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	<1.7	ug/l	1.7	5.2	5		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	<2.7	ug/l	2.7	8.4	5		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	<2.0	ug/l	2.0	6.2	5		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	<1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	<1.8	ug/l	1.8	5.7	5		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	< 1.4	ug/l	1.4	4.5	5		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	2/6/01 / 3/6/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	488	ug/l	1.7	5.4	5		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	2/6/01 / 3/6/2001

Sample Number: 23174 QC Prep Batch Number: 996592 Collection: 3/5/2001 Time: 10:20
Client ID: 010305WAO9P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	2/6/01 / 3/6/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	2/6/01 / 3/6/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	2/6/01 / 3/6/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	2/6/01 / 3/6/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010129**
DATE REPORTED: 08-Mar-01
DATE RECEIVED: 05-Mar-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	qh	2/6/01 / 3/6/2001
Benzene	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Bromobenzene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Bromochloromethane	< 0.37	**ug/l**	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromodichloromethane	< 0.38	**ug/l**	0.38	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromoform	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Bromomethane	< 0.65	**ug/l**	0.65	2.1	1		8260	qh	2/6/01 / 3/6/2001
Carbon tetrachloride	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Chlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Chloroethane	< 0.64	**ug/l**	0.64	2.0	1		8260	qh	2/6/01 / 3/6/2001
Chloroform	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Chloromethane	< 0.49	**ug/l**	0.49	1.6	1		8260	qh	2/6/01 / 3/6/2001
cis-1,2-Dichloroethene	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
cis-1,3-Dichloropropene	< 0.37	**ug/l**	0.37	1.2	1		8260	qh	2/6/01 / 3/6/2001
Dibromochloromethane	< 0.41	**ug/l**	0.41	1.3	1		8260	qh	2/6/01 / 3/6/2001
Dibromomethane	< 0.46	**ug/l**	0.46	1.5	1		8260	qh	2/6/01 / 3/6/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	2/6/01 / 3/6/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	qh	2/6/01 / 3/6/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	2/6/01 / 3/6/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	2/6/01 / 3/6/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	2/6/01 / 3/6/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	2/6/01 / 3/6/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	2/6/01 / 3/6/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	2/6/01 / 3/6/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	2/6/01 / 3/6/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	2/6/01 / 3/6/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	2/6/01 / 3/6/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	2/6/01 / 3/6/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	2/6/01 / 3/6/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	2/6/01 / 3/6/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	2/6/01 / 3/6/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	2/6/01 / 3/6/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010129**
DATE REPORTED:	08-Mar-01
DATE RECEIVED:	05-Mar-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:** 3/8/01

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.

INORGANIC REPORT

APL INC.

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

WDNR# 241340550

INVOICE NUMBER **20010147**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 13-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 23243 Matrix: GW
Client ID: **010313WAI9R**
Collection: 3/13/2001 Time: 08:40
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	<6.7	ug/l	RJ	5.6	18	206.2	jz	3/13/2001	996634	
Barium - ICAP	0.01	mg/l	J RJ	0.007	0.02	200.7	bb	3/16/2001	996654	
Cadmium - Furnace AA	<0.4	ug/l	RJ	0.4	1.3	213.2	mw	3/14/2001	996637	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	3/16/2001	996654	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	3/16/2001	996654	
Iron - ICAP	0.13	mg/l	J RJ	0.081	0.26	200.7	bb	3/16/2001	996654	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jz	3/19/2001	996669	
Manganese - ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	3/16/2001	996654	
Mercury CV	<0.0002	mg/l	RJ	0.0002	0.0006	245.1	mw	3/28/2001	996721	
Nickel - ICAP	<0.011	mg/l	RJ	0.011	0.03	200.7	bb	3/16/2001	996654	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	3/15/2001	996639	
Silver - ICAP	<0.004	mg/l	RJ	0.004	0.01	200.7	bb	3/16/2001	996654	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	jz	3/22/2001	996702	
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	3/16/2001	996654	

Sample Number: 23244 Matrix: GW
Client ID: **010313WA01P**
Collection: 3/13/2001 Time: 08:25
Sample Description:

Test	Result	Units	RQ	LOD	LOQ	Method	Analyst	Date Anal	QC#	Comments
Arsenic - Furnace AA	59	ug/l	RJ	5.6	18	206.2	jz	3/13/2001	996634	
Barium - ICAP	0.12	mg/l	RJ	0.007	0.02	200.7	bb	3/16/2001	996654	
Cadmium - Furnace AA	<0.4	ug/l	RJ	0.4	1.3	213.2	mw	3/14/2001	996637	
Chromium, Total - ICAP	<0.008	mg/l	RJ	0.008	0.03	200.7	bb	3/16/2001	996654	
Copper- ICAP	<0.006	mg/l	RJ	0.006	0.02	200.7	bb	3/16/2001	996654	
Iron - ICAP	1	mg/l	RJ	0.081	0.26	200.7	bb	3/16/2001	996654	
Lead - Furnace AA	<1.5	ug/l	RJ	1.5	4.8	239.2	jz	3/19/2001	996669	
Manganese - ICAP	0.15	mg/l	RJ	0.006	0.02	200.7	bb	3/16/2001	996654	
Mercury CV	<0.0002	mg/l	RJ	0.0002	0.0006	245.1	mw	3/28/2001	996721	
Nickel - ICAP	0.02	mg/l	J RJ	0.011	0.03	200.7	bb	3/16/2001	996654	
Selenium - Furnace AA	<4.8	ug/l	RJ	4.8	15	270.2	jz	3/15/2001	996639	
Silver - ICAP	<0.004	mg/l	RJ	0.004	0.01	200.7	bb	3/16/2001	996654	
Thallium - Furnace AA	<1.3	ug/l	RJ	1.3	4.1	279.2	jz	3/22/2001	996702	
Zinc - ICAP	<0.014	mg/l	RJ	0.014	0.04	200.7	bb	3/16/2001	996654	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010147**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 13-Mar-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	3/14/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2		3/26/2001		
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**6.9**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	

Sample Number: 23245 Matrix: GW
Client ID: **010307MW12BP** Collection: 3/13/2001 Time: 12:20
Sample Description:

Arsenic - Furnace AA	**25**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/13/2001	*996634*	
Barium - ICAP	**0.1**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/16/2001	*996654*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**0.01**	**mg/l**	*J* **RJ**	0.008	0.03	200.7	bb	3/16/2001	*996654*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Iron - ICAP	**1.1**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/16/2001	*996654*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/19/2001	*996669*	
Manganese - ICAP	**0.07**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	mw	3/28/2001	*996721*	
Nickel - ICAP	**0.04**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/16/2001	*996654*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/16/2001	*996654*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/22/2001	*996702*	
Zinc - ICAP	**0.03**	**mg/l**	*J* **RJ**	0.014	0.04	200.7	bb	3/16/2001	*996654*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/8/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**7.2**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	

Sample Number: 23246 Matrix: GW
Client ID: **010307MW12DP** Collection: 3/13/2001 Time: 12:05
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/13/2001	*996634*	
Barium - ICAP	**0.09**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/16/2001	*996654*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**0.01**	**mg/l**	*J* **RJ**	0.008	0.03	200.7	bb	3/16/2001	*996654*	
Copper- ICAP	**0.6**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Iron - ICAP	**2.7**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/16/2001	*996654*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010147**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 13-Mar-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
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/19/2001	*996669*	
Manganese - ICAP	**0.07**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	mw	3/28/2001	*996721*	
Nickel - ICAP	**0.03**	**mg/l**	***J* RJ**	0.011	0.03	200.7	bb	3/16/2001	*996654*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/16/2001	*996654*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/22/2001	*996702*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/16/2001	*996654*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/8/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**6.4**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	

Sample Number: 23247 Matrix: GW
Client ID: **010308MW16SP**
Collection: 3/13/2001 Time: 10:50
Sample Description:

Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/13/2001	*996634*	
Barium - ICAP	**0.03**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/16/2001	*996654*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	mw	3/14/2001	*996637*	
Chromium, Total - ICAP	**0.01**	**mg/l**	***J* RJ**	0.008	0.03	200.7	bb	3/16/2001	*996654*	
Copper- ICAP	**0.01**	**mg/l**	***J* RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Iron - ICAP	**15**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/16/2001	*996654*	
Lead - Furnace AA	**4.9**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/19/2001	*996669*	
Manganese - ICAP	**0.35**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/16/2001	*996654*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	mw	3/28/2001	*996721*	
Nickel - ICAP	**0.02**	**mg/l**	***J* RJ**	0.011	0.03	200.7	bb	3/16/2001	*996654*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/15/2001	*996639*	
Silver - ICAP	**0.004**	**mg/l**	***J* RJ**	0.004	0.01	200.7	bb	3/16/2001	*996654*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/22/2001	*996702*	
Zinc - ICAP	**0.05**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/16/2001	*996654*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/9/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**8**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010147**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 13-Mar-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: 23248 Matrix: GW										
Client ID: **010313WA09P**							Collection: 3/13/2001 Sample Description:			Time:
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/14/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**7.6**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	
Sample Number: 23249 Matrix: GW										
Client ID: **010313WA02P**							Collection: 3/13/2001 Sample Description:			Time: 08:42
pH (water)	**9.2**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	
Sample Number: 23250 Matrix: GW										
Client ID: **010313WA03P**							Collection: 3/13/2001 Sample Description:			Time: 08:44
pH (water)	**11**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	
Sample Number: 23251 Matrix: GW										
Client ID: **010313WA05P**							Collection: 3/13/2001 Sample Description:			Time: 08:30
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/13/2001	*996623*	

Approved By: _____ **Date:** 4/16/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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: 23244 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 08:25
Client ID: 010313WAO1P 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	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	156	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	22	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	35	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	479	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23245 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 12:20
Client ID: 010307MW12BP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: 20010147
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
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SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
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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	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23246 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 12:05
Client ID: 010307MW12DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.55	**ug/l**	0.55	1.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	161	**ug/l**	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 1.1	**ug/l**	1.1	3.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 1.1	**ug/l**	1.1	3.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	151	**ug/l**	0.80	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	53	**ug/l**	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 1.1	**ug/l**	1.1	3.4	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 1.3	**ug/l**	1.3	4.0	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 1.3	**ug/l**	1.3	4.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 1.2	**ug/l**	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.75	**ug/l**	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 1.2	**ug/l**	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.85	**ug/l**	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.88	**ug/l**	0.88	2.8	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.80	**ug/l**	0.80	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.85	**ug/l**	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.65	**ug/l**	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.98	**ug/l**	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.90	**ug/l**	0.90	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.83	**ug/l**	0.83	2.6	2.5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.68	**ug/l**	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 3.5	**ug/l**	3.5	11	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 1.8	**ug/l**	1.8	5.6	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.75	**ug/l**	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.65	**ug/l**	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 2.0	**ug/l**	2.0	6.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 3.9	**ug/l**	3.9	12	2.5		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.68	**ug/l**	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.78	**ug/l**	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.93	**ug/l**	0.93	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.95	**ug/l**	0.95	3.0	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.98	**ug/l**	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 1.6	**ug/l**	1.6	5.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.68	**ug/l**	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.65	**ug/l**	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 1.6	**ug/l**	1.6	5.1	2.5		8260	qh	3/13/2001 / 3/13/2001

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

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.60	ug/l	0.60	1.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 1.2	ug/l	1.2	3.9	2.5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	34	ug/l	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.93	ug/l	0.93	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 1.0	ug/l	1.0	3.3	2.5		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 1.2	ug/l	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.68	ug/l	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.63	ug/l	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 1.1	ug/l	1.1	3.3	2.5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.75	ug/l	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.83	ug/l	0.83	2.6	2.5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 1.3	ug/l	1.3	4.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.98	ug/l	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.75	ug/l	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.90	ug/l	0.90	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.70	ug/l	0.70	2.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 1.9	ug/l	1.9	6.0	2.5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.63	ug/l	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.78	ug/l	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.85	ug/l	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.63	ug/l	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.75	ug/l	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.78	ug/l	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.73	ug/l	0.73	2.3	2.5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.63	ug/l	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.65	ug/l	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	44	ug/l	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.60	ug/l	0.60	1.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.50	ug/l	0.50	1.6	2.5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23247 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 10:50
Client ID: 010308MW165P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	<2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	<1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	<1.8	ug/l	1.8	5.6	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	<1.6	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	<1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	<1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	<2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	<1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	<1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	<1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	<6.9	ug/l	6.9	22	5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	<3.5	ug/l	3.5	11	5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	<1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	<1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	<4.0	ug/l	4.0	13	5		8260	qh	3/13/2001 / 3/13/2001
Acetone	<7.8	ug/l	7.8	25	5		8260	qh	3/13/2001 / 3/13/2001
Benzene	<1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	<1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	<1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	<1.9	ug/l	1.9	6.0	5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	<2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	<3.3	ug/l	3.3	10	5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	<1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	<1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	<3.2	ug/l	3.2	10	5		8260	qh	3/13/2001 / 3/13/2001
Chloroform	<1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	<2.5	ug/l	2.5	7.8	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	275	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	<1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	<2.1	ug/l	2.1	6.5	5		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	<2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	<1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	<1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	<2.1	ug/l	2.1	6.7	5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	<1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	<1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	<2.7	ug/l	2.7	8.4	5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	<2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	<1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	<1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	<1.4	ug/l	1.4	4.5	5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	<3.8	ug/l	3.8	12	5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	<1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	<1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	<1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	119	ug/l	1.0	3.2	5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23248 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time:
Client ID: 010313WAO9P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23252
Client ID: 010313WAO7P

QC Prep Batch Number: 996644

Collection: 3/13/2001 Time: 08:32
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23253 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 08:34
Client ID: 010313WAO8P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001

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

ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23254 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time:
Client ID: TRIP BLANK Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Approved By: _____ **Date:** ____/____/____

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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: 23244 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 08:25
Client ID: 010313WAO1P 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	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	156	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	22	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	35	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	479	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23245 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 12:20
Client ID: 010307MW12BP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23246 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 12:05
Client ID: 010307MW12DP Sample Description:

1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	1.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	161	ug/l	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 1.1	ug/l	1.1	3.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	151	ug/l	0.80	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	53	ug/l	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 1.1	ug/l	1.1	3.4	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 1.3	ug/l	1.3	4.0	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 1.3	ug/l	1.3	4.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 1.2	ug/l	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.75	ug/l	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 1.2	ug/l	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.85	ug/l	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.88	ug/l	0.88	2.8	2.5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.80	ug/l	0.80	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.85	ug/l	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.65	ug/l	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.98	ug/l	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.90	ug/l	0.90	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.83	ug/l	0.83	2.6	2.5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.68	ug/l	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 3.5	ug/l	3.5	11	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 1.8	ug/l	1.8	5.6	2.5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.75	ug/l	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.65	ug/l	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 2.0	ug/l	2.0	6.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 3.9	ug/l	3.9	12	2.5		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.68	ug/l	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.78	ug/l	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.93	ug/l	0.93	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.95	ug/l	0.95	3.0	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.98	ug/l	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 1.6	ug/l	1.6	5.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.68	ug/l	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.65	ug/l	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 1.6	ug/l	1.6	5.1	2.5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.60	**ug/l**	0.60	1.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 1.2	**ug/l**	1.2	3.9	2.5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	34	**ug/l**	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.93	**ug/l**	0.93	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 1.0	**ug/l**	1.0	3.3	2.5		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 1.2	**ug/l**	1.2	3.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.68	**ug/l**	0.68	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.63	**ug/l**	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 1.1	**ug/l**	1.1	3.3	2.5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.75	**ug/l**	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.83	**ug/l**	0.83	2.6	2.5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 1.3	**ug/l**	1.3	4.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.98	**ug/l**	0.98	3.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.75	**ug/l**	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.90	**ug/l**	0.90	2.9	2.5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.70	**ug/l**	0.70	2.2	2.5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 1.9	**ug/l**	1.9	6.0	2.5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.63	**ug/l**	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.78	**ug/l**	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.85	**ug/l**	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.63	**ug/l**	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.75	**ug/l**	0.75	2.4	2.5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.78	**ug/l**	0.78	2.5	2.5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.73	**ug/l**	0.73	2.3	2.5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.63	**ug/l**	0.63	2.0	2.5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.65	**ug/l**	0.65	2.1	2.5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	44	**ug/l**	0.85	2.7	2.5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.60	**ug/l**	0.60	1.9	2.5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.50	**ug/l**	0.50	1.6	2.5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23247 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 10:50
Client ID: 010308MW165P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	**ug/l**	1.1	3.5	5		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 1.6	**ug/l**	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 2.2	**ug/l**	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 2.2	**ug/l**	2.2	7.0	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 1.6	**ug/l**	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 1.7	**ug/l**	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 2.2	**ug/l**	2.2	6.8	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 2.5	**ug/l**	2.5	8.0	5		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 2.6	**ug/l**	2.6	8.1	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 2.4	**ug/l**	2.4	7.5	5		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 1.5	**ug/l**	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	275	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	119	ug/l	1.0	3.2	5		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23248 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time:
Client ID: 010313WAO9P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23252 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time: 08:32
Client ID: 010313WAO7P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23253
Client ID: 010313WAO8P

QC Prep Batch Number: 996644

Collection: 3/13/2001 Time: 08:34
Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Sample Number: 23254 QC Prep Batch Number: 996644 Collection: 3/13/2001 Time:
Client ID: TRIP BLANK Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/13/2001 / 3/13/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/13/2001 / 3/13/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/13/2001 / 3/13/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/13/2001 / 3/13/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/13/2001 / 3/13/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/13/2001 / 3/13/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/13/2001 / 3/13/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/13/2001 / 3/13/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/13/2001 / 3/13/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/13/2001 / 3/13/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010147**
DATE REPORTED: 16-Mar-01
DATE RECEIVED: 13-Mar-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	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	3/13/2001 / 3/13/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	3/13/2001 / 3/13/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	3/13/2001 / 3/13/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	3/13/2001 / 3/13/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	3/13/2001 / 3/13/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	3/13/2001 / 3/13/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/13/2001 / 3/13/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/13/2001 / 3/13/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/13/2001 / 3/13/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	3/13/2001 / 3/13/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/13/2001 / 3/13/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/13/2001 / 3/13/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/13/2001 / 3/13/2001

Approved By: _____ **Date:** 3/16/01

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.

INORGANIC REPORT

APL INC.

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

WDNR# 241340550

INVOICE NUMBER **20010156**
DATE REPORTED: 10-Apr-01
DATE RECEIVED: 19-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Sample Number: 23278 Matrix: GW
Client ID: **010319WA09R** Collection: 3/19/2001 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	jz	3/29/2001	*996736*	
Barium - ICAP	**0.02**	**mg/l**	*J* **RJ**	0.007	0.02	200.7	bb	3/21/2001	*996689*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	jz	3/21/2001	*996688*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	3/21/2001	*996689*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/21/2001	*996689*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/21/2001	*996689*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/19/2001	*996669*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/21/2001	*996689*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	mw	3/28/2001	*996721*	
Nickel - ICAP	**<0.008**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	3/21/2001	*996689*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/30/2001	*996747*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/21/2001	*996689*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/22/2001	*996702*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/21/2001	*996689*	

Sample Number: 23279 Matrix: GW
Client ID: **010319WA01P** Collection: 3/19/2001 Time: 08:30
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	jz	3/29/2001	*996736*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	3/21/2001	*996689*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**RJ**	0.4	1.3	213.2	jz	3/21/2001	*996688*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	3/21/2001	*996689*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/21/2001	*996689*	
Iron - ICAP	**0.7**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	3/21/2001	*996689*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	jz	3/19/2001	*996669*	
Manganese - ICAP	**0.14**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	3/21/2001	*996689*	
Mercury CV	**<0.0002**	**mg/l**	**RJ**	0.0002	0.0006	245.1	mw	3/28/2001	*996721*	
Nickel - ICAP	**0.02**	**mg/l**	*J* **RJ**	0.011	0.03	200.7	bb	3/21/2001	*996689*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/30/2001	*996747*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	3/21/2001	*996689*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/22/2001	*996702*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	3/21/2001	*996689*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010156**
DATE REPORTED: 10-Apr-01
DATE RECEIVED: 19-Mar-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	3/14/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**7**	**s.u.**	#			150.1	ogtp	3/19/2001	*996668*	
Sample Number: 23280		Matrix: GW						Collection: 3/19/2001		Time: 08:47
Client ID: **010319WA02P**								Sample Description:		
pH (water)	**9.4**	**s.u.**	#			150.1	ogtp	3/19/2001	*996668*	
Sample Number: 23281		Matrix: GW						Collection: 3/19/2001		Time: 08:49
Client ID: **010319WA03P**								Sample Description:		
pH (water)	**11**	**s.u.**	#			150.1	ogtp	3/19/2001	*996668*	
Sample Number: 23282		Matrix: GW						Collection: 3/19/2001		Time: 08:35
Client ID: **010319WA05P**								Sample Description:		
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/19/2001	*996668*	
Sample Number: 23283		Matrix: GW						Collection: 3/19/2001		Time: 08:41
Client ID: **010319WA09P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/14/2001	*996677*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996781*	
pH (water)	**7.7**	**s.u.**	#			150.1	ogtp	3/19/2001	*996668*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010156**
DATE REPORTED: 10-Apr-01
DATE RECEIVED: 19-Mar-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: [signature] **Date:** 4/10/01

James Chang, Ph.D. , Lab Director

RJ *Result expressed as Total.*

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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: 23279 QC Prep Batch Number: 996712 Collection: 3/19/2001 Time: 08:30
Client ID: 010319WAO1P 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	3/20/2001 / 3/20/2001
1,1,1-Trichloroethane	123	ug/l	1.6	4.9	5		8260	qh	3/20/2001 / 3/20/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/20/2001 / 3/20/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/20/2001 / 3/20/2001
1,1-Dichloroethane	21	ug/l	1.6	5.1	5		8260	qh	3/20/2001 / 3/20/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/20/2001 / 3/20/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	3/20/2001 / 3/20/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	3/20/2001 / 3/20/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	3/20/2001 / 3/20/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	3/20/2001 / 3/20/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/20/2001 / 3/20/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/20/2001 / 3/20/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/20/2001 / 3/20/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	3/20/2001 / 3/20/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/20/2001 / 3/20/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/20/2001 / 3/20/2001
1,3-Dichlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/20/2001 / 3/20/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/20/2001 / 3/20/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/20/2001 / 3/20/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/20/2001 / 3/20/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/20/2001 / 3/20/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	3/20/2001 / 3/20/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	3/20/2001 / 3/20/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/20/2001 / 3/20/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/20/2001 / 3/20/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	3/20/2001 / 3/20/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	3/20/2001 / 3/20/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/20/2001 / 3/20/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/20/2001 / 3/20/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/20/2001 / 3/20/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	3/20/2001 / 3/20/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/20/2001 / 3/20/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	3/20/2001 / 3/20/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/20/2001 / 3/20/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/20/2001 / 3/20/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	3/20/2001 / 3/20/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/20/2001 / 3/20/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	3/20/2001 / 3/20/2001
cis-1,2-Dichloroethene	36	ug/l	1.4	4.3	5		8260	qh	3/20/2001 / 3/20/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/20/2001 / 3/20/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	3/20/2001 / 3/20/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/20/2001 / 3/20/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/20/2001 / 3/20/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	3/20/2001 / 3/20/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/20/2001 / 3/20/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/20/2001 / 3/20/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	3/20/2001 / 3/20/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/20/2001 / 3/20/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/20/2001 / 3/20/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/20/2001 / 3/20/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	3/20/2001 / 3/20/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	3/20/2001 / 3/20/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/20/2001 / 3/20/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/20/2001 / 3/20/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/20/2001 / 3/20/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/20/2001 / 3/20/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/20/2001 / 3/20/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/20/2001 / 3/20/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/20/2001 / 3/20/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/20/2001 / 3/20/2001
trans-1,3-Dichloropropene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/20/2001 / 3/20/2001
Trichloroethene	444	ug/l	1.7	5.4	5		8260	qh	3/20/2001 / 3/20/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/20/2001 / 3/20/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	3/20/2001 / 3/20/2001

Sample Number: 23283 QC Prep Batch Number: 996712 Collection: 3/19/2001 Time: 08:41
Client ID: 010319WAO9P Sample Description:

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

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/20/2001 / 3/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/20/2001 / 3/20/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/20/2001 / 3/20/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/20/2001 / 3/20/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/20/2001 / 3/20/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/20/2001 / 3/20/2001
Chloroform	4.0	ug/l	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/20/2001 / 3/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/20/2001 / 3/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/20/2001 / 3/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/20/2001 / 3/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/20/2001 / 3/20/2001

Sample Number: 23284 QC Prep Batch Number: 996712 Collection: 3/19/2001 Time: 08:37
Client ID: 010319WAO7P Sample Description:

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

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/20/2001 / 3/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/20/2001 / 3/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/20/2001 / 3/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/20/2001 / 3/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/20/2001 / 3/20/2001

Sample Number: 23285 QC Prep Batch Number: 996712 Collection: 3/19/2001 Time: 08:39
Client ID: 010319WAO8P Sample Description:

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

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/20/2001 / 3/20/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/20/2001 / 3/20/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/20/2001 / 3/20/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/20/2001 / 3/20/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/20/2001 / 3/20/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/20/2001 / 3/20/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/20/2001 / 3/20/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/20/2001 / 3/20/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/20/2001 / 3/20/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/20/2001 / 3/20/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/20/2001 / 3/20/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/20/2001 / 3/20/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME: OGTP

Dr. James Chang
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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	3/20/2001 / 3/20/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/20/2001 / 3/20/2001

Sample Number: 23286 QC Prep Batch Number: 996712 Collection: 3/19/2001 Time:
Client ID: TRIP BLANK Sample Description:

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

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010156**
DATE REPORTED: 02-Apr-01
DATE RECEIVED: 19-Mar-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	3/20/2001 / 3/20/2001
Bromomethane	< 0.65	**ug/l**	0.65	2.1	1		8260	qh	3/20/2001 / 3/20/2001
Carbon tetrachloride	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Chlorobenzene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Chloroethane	< 0.64	**ug/l**	0.64	2.0	1		8260	qh	3/20/2001 / 3/20/2001
Chloroform	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Chloromethane	< 0.49	**ug/l**	0.49	1.6	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,2-Dichloroethene	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
cis-1,3-Dichloropropene	< 0.37	**ug/l**	0.37	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Dibromochloromethane	< 0.41	**ug/l**	0.41	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Dibromomethane	< 0.46	**ug/l**	0.46	1.5	1		8260	qh	3/20/2001 / 3/20/2001
Dichlorodifluoromethane	< 0.27	**ug/l**	0.27	0.86	1		8260	qh	3/20/2001 / 3/20/2001
Ethylbenzene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
Hexachlorobutadiene	< 0.42	**ug/l**	0.42	1.3	1		8260	qh	3/20/2001 / 3/20/2001
Isopropyl Ether	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Isopropylbenzene	< 0.33	**ug/l**	0.33	1.0	1		8260	qh	3/20/2001 / 3/20/2001
m&p-xylene	< 0.53	**ug/l**	0.53	1.7	1		8260	qh	3/20/2001 / 3/20/2001
Methyl-t-butyl ether	< 0.39	**ug/l**	0.39	1.2	1		8260	qh	3/20/2001 / 3/20/2001
Methylene chloride	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
n-Butylbenzene	< 0.36	**ug/l**	0.36	1.1	1		8260	qh	3/20/2001 / 3/20/2001
n-Propylbenzene	< 0.28	**ug/l**	0.28	0.89	1		8260	qh	3/20/2001 / 3/20/2001
Naphthalene	< 0.75	**ug/l**	0.75	2.4	1		8260	qh	3/20/2001 / 3/20/2001
o-xylene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
p-Isopropyltoluene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
sec-Butylbenzene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Styrene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
tert-Butylbenzene	< 0.30	**ug/l**	0.30	0.95	1		8260	qh	3/20/2001 / 3/20/2001
Tetrachloroethene	< 0.31	**ug/l**	0.31	0.99	1		8260	qh	3/20/2001 / 3/20/2001
Toluene	< 0.29	**ug/l**	0.29	0.92	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,2-Dichloroethene	< 0.25	**ug/l**	0.25	0.80	1		8260	qh	3/20/2001 / 3/20/2001
trans-1,3-Dichloropropene	< 0.26	**ug/l**	0.26	0.83	1		8260	qh	3/20/2001 / 3/20/2001
Trichloroethene	< 0.34	**ug/l**	0.34	1.1	1		8260	qh	3/20/2001 / 3/20/2001
Trichlorofluoromethane	< 0.24	**ug/l**	0.24	0.76	1		8260	qh	3/20/2001 / 3/20/2001
Vinyl chloride	< 0.20	**ug/l**	0.20	0.64	1		8260	qh	3/20/2001 / 3/20/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010156**
DATE REPORTED:	02-Apr-01
DATE RECEIVED:	19-Mar-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:** 4/2/01

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.

INORGANIC REPORT

APL INC.

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

WDNR# 241340550

INVOICE NUMBER **20010172**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 26-Mar-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: 23365	Matrix: GW							Collection: 3/26/2001	Time: 09:50	
Client ID: **010326WAO9P**								Sample Description:		
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/27/2001	*996751*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2		3/26/2001		
pH (water)	**7.5**	**s.u.**	#			150.1	ogtp	3/28/2001	*996717*	
Sample Number: 23366	Matrix: GW							Collection: 3/26/2001	Time: 10:00	
Client ID: **010326WAO1P**								Sample Description:		
Arsenic - Furnace AA	**6**	**ug/l**	*J* **RJ**	5.6	18	206.2	jz	3/29/2001	*996736*	
Barium - ICAP	**0.11**	**mg/l**	**RJ**	0.007	0.02	200.7	bb	4/4/2001	*996769*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	4/2/2001	*996754*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	4/4/2001	*996769*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	4/4/2001	*996769*	
Iron - ICAP	**0.78**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	4/4/2001	*996769*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	mw	3/1/04	*996763*	
Manganese - ICAP	**0.16**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	4/4/2001	*996769*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		3/26/2001		
Nickel - ICAP	**0.02**	**mg/l**	*J* **RJ**	0.011	0.03	200.7	bb	4/4/2001	*996769*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/30/2001	*996747*	
Silver - ICAP	**0.004**	**mg/l**	*J* **RJ**	0.004	0.01	200.7	bb	4/4/2001	*996769*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/5/2001	*996774*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	4/4/2001	*996769*	
Chromium, Hexavalent	**<0.0042**	**mg/l**		0.004	0.01	SM 3500D	ta	3/27/2001	*996752*	
Cyanide, Amenable	**<0.006**	**mg/l**		0.006	0.02	335.2	tm	3/26/2001	*996782*	
Cyanide, Total	**<0.006**	**mg/l**		0.006	0.02	335.2		3/26/2001		
pH (water)	**7.1**	**s.u.**	#			150.1	ogtp	3/28/2001	*996717*	
Sample Number: 23367	Matrix: GW							Collection: 3/26/2001	Time: 09:55	
Client ID: **010326WAO2P**								Sample Description:		
pH (water)	**9.5**	**s.u.**	#			150.1	ogtp	3/28/2001	*996717*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010172**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 28-Mar-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: 23368 Matrix: GW								Collection: 3/26/2001		Time: 09:57
Client ID: **010326WAO3P**								Sample Description:		
pH (water)	**11**	**s.u.**	#			150.1	ogtp	3/28/2001	*996717*	
Sample Number: 23369 Matrix: GW								Collection: 3/26/2001		Time: 10:03
Client ID: **010326WAO5P**								Sample Description:		
pH (water)	**7.9**	**s.u.**	#			150.1	ogtp	3/28/2001	*996717*	
Sample Number: 23373 Matrix: GW								Collection: 3/26/2001		Time:
Client ID: **010326WAO9R**								Sample Description:		
Arsenic - Furnace AA	**<5.6**	**ug/l**	**RJ**	5.6	18	206.2	jz	3/29/2001	*996736*	
Barium - ICAP	**0.01**	**mg/l**	***J*** **RJ**	0.007	0.02	200.7	bb	4/4/2001	*996769*	
Cadmium - Furnace AA	**<0.4**	**ug/l**	**TTR**	0.4	1.3	213.2	jz	4/2/2001	*996754*	
Chromium, Total - ICAP	**<0.008**	**mg/l**	**RJ**	0.008	0.03	200.7	bb	4/4/2001	*996769*	
Copper- ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	4/4/2001	*996769*	
Iron - ICAP	**<0.081**	**mg/l**	**RJ**	0.081	0.26	200.7	bb	4/4/2001	*996769*	
Lead - Furnace AA	**<1.5**	**ug/l**	**RJ**	1.5	4.8	239.2	mw	3/1/04	*996763*	
Manganese - ICAP	**<0.006**	**mg/l**	**RJ**	0.006	0.02	200.7	bb	4/4/2001	*996769*	
Mercury CV	**<0.0002**	**mg/l**		0.0002	0.0006	245.1		3/26/2001		
Nickel - ICAP	**<0.011**	**mg/l**	**RJ**	0.011	0.03	200.7	bb	4/4/2001	*996769*	
Selenium - Furnace AA	**<4.8**	**ug/l**	**RJ**	4.8	15	270.2	jz	3/30/2001	*996747*	
Silver - ICAP	**<0.004**	**mg/l**	**RJ**	0.004	0.01	200.7	bb	4/4/2001	*996769*	
Thallium - Furnace AA	**<1.3**	**ug/l**	**RJ**	1.3	4.1	279.2	jz	3/5/2001	*996774*	
Zinc - ICAP	**<0.014**	**mg/l**	**RJ**	0.014	0.04	200.7	bb	4/4/2001	*996769*	

APL INC.

INORGANIC REPORT

WDNR# 241340550

INVOICE NUMBER **20010172**
DATE REPORTED: 16-Apr-01
DATE RECEIVED: 26-Mar-01
SAMPLE TEMP (C): Rec On Ice
PROJECT ID:
PROJECT NAME:

APL Laboratory
8222 W. Calumet Road
Milwaukee , WI 53223

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

Approved By: _____ **Date:** 4/16/01

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.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 26-Mar-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: 23365 QC Prep Batch Number: 996790 Collection: 3/26/2001 Time: 09:50
Client ID: 010326WAO9P 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	qh	3/28/2001 / 3/28/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/28/2001 / 3/28/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/28/2001 / 3/28/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/28/2001 / 3/28/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/28/2001 / 3/28/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/28/2001 / 3/28/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/28/2001 / 3/28/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/28/2001 / 3/28/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 26-Mar-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	qh	3/28/2001 / 3/28/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/28/2001 / 3/28/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/28/2001 / 3/28/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/28/2001 / 3/28/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/28/2001 / 3/28/2001

Sample Number: 23366 QC Prep Batch Number: 996790 Collection: 3/26/2001 Time: 10:00
Client ID: 010326WAO1P Sample Description:

1,1,1,2-Tetrachloroethane	< 1.1	ug/l	1.1	3.5	5		8260	qh	3/28/2001 / 3/28/2001
1,1,1-Trichloroethane	117	ug/l	1.6	4.9	5		8260	qh	3/28/2001 / 3/28/2001
1,1,2,2-Tetrachloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/28/2001 / 3/28/2001
1,1,2-Trichloroethane	< 2.2	ug/l	2.2	7.0	5		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethane	16	ug/l	1.6	5.1	5		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloropropene	< 2.2	ug/l	2.2	6.8	5		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichlorobenzene	< 2.5	ug/l	2.5	8.0	5		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichloropropane	< 2.6	ug/l	2.6	8.1	5		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trichlorobenzene	< 2.4	ug/l	2.4	7.5	5		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trimethylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/28/2001 / 3/28/2001
1,2-Dibromoethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichlorobenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloroethane	< 1.8	ug/l	1.8	5.6	5		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloropropane	< 1.6	ug/l	1.6	5.1	5		8260	qh	3/28/2001 / 3/28/2001
1,3,5-Trimethylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/28/2001 / 3/28/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 26-Mar-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	qh	3/28/2001 / 3/28/2001
1,3-Dichloropropane	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/28/2001 / 3/28/2001
1,4-Dichlorobenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/28/2001 / 3/28/2001
12Dibromo-3-chloropropan	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/28/2001 / 3/28/2001
2,2-Dichloropropane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/28/2001 / 3/28/2001
2-Butanone (MEK)	< 6.9	ug/l	6.9	22	5		8260	qh	3/28/2001 / 3/28/2001
2-Chloroethyl Vinyl Ether	< 3.5	ug/l	3.5	11	5		8260	qh	3/28/2001 / 3/28/2001
2-Chlorotoluene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/28/2001 / 3/28/2001
4-Chlorotoluene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/28/2001 / 3/28/2001
4-Methyl-2-Pentanone	< 4.0	ug/l	4.0	13	5		8260	qh	3/28/2001 / 3/28/2001
Acetone	< 7.8	ug/l	7.8	25	5		8260	qh	3/28/2001 / 3/28/2001
Benzene	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/28/2001 / 3/28/2001
Bromobenzene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/28/2001 / 3/28/2001
Bromochloromethane	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/28/2001 / 3/28/2001
Bromodichloromethane	< 1.9	ug/l	1.9	6.0	5		8260	qh	3/28/2001 / 3/28/2001
Bromoform	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/28/2001 / 3/28/2001
Bromomethane	< 3.3	ug/l	3.3	10	5		8260	qh	3/28/2001 / 3/28/2001
Carbon tetrachloride	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/28/2001 / 3/28/2001
Chlorobenzene	< 1.3	ug/l	1.3	4.1	5		8260	qh	3/28/2001 / 3/28/2001
Chloroethane	< 3.2	ug/l	3.2	10	5		8260	qh	3/28/2001 / 3/28/2001
Chloroform	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/28/2001 / 3/28/2001
Chloromethane	< 2.5	ug/l	2.5	7.8	5		8260	qh	3/28/2001 / 3/28/2001
cis-1,2-Dichloroethene	28	ug/l	1.4	4.3	5		8260	qh	3/28/2001 / 3/28/2001
cis-1,3-Dichloropropene	< 1.9	ug/l	1.9	5.9	5		8260	qh	3/28/2001 / 3/28/2001
Dibromochloromethane	< 2.1	ug/l	2.1	6.5	5		8260	qh	3/28/2001 / 3/28/2001
Dibromomethane	< 2.3	ug/l	2.3	7.3	5		8260	qh	3/28/2001 / 3/28/2001
Dichlorodifluoromethane	< 1.4	ug/l	1.4	4.3	5		8260	qh	3/28/2001 / 3/28/2001
Ethylbenzene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/28/2001 / 3/28/2001
Hexachlorobutadiene	< 2.1	ug/l	2.1	6.7	5		8260	qh	3/28/2001 / 3/28/2001
Isopropyl Ether	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/28/2001 / 3/28/2001
Isopropylbenzene	< 1.7	ug/l	1.7	5.2	5		8260	qh	3/28/2001 / 3/28/2001
m&p-xylene	< 2.7	ug/l	2.7	8.4	5		8260	qh	3/28/2001 / 3/28/2001
Methyl-t-butyl ether	< 2.0	ug/l	2.0	6.2	5		8260	qh	3/28/2001 / 3/28/2001
Methylene chloride	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/28/2001 / 3/28/2001
n-Butylbenzene	< 1.8	ug/l	1.8	5.7	5		8260	qh	3/28/2001 / 3/28/2001
n-Propylbenzene	< 1.4	ug/l	1.4	4.5	5		8260	qh	3/28/2001 / 3/28/2001
Naphthalene	< 3.8	ug/l	3.8	12	5		8260	qh	3/28/2001 / 3/28/2001
o-xylene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/28/2001 / 3/28/2001
p-Isopropyltoluene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/28/2001 / 3/28/2001
sec-Butylbenzene	< 1.7	ug/l	1.7	5.4	5		8260	qh	3/28/2001 / 3/28/2001
Styrene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/28/2001 / 3/28/2001
tert-Butylbenzene	< 1.5	ug/l	1.5	4.8	5		8260	qh	3/28/2001 / 3/28/2001
Tetrachloroethene	< 1.6	ug/l	1.6	4.9	5		8260	qh	3/28/2001 / 3/28/2001
Toluene	< 1.5	ug/l	1.5	4.6	5		8260	qh	3/28/2001 / 3/28/2001
trans-1,2-Dichloroethene	< 1.3	ug/l	1.3	4.0	5		8260	qh	3/28/2001 / 3/28/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 26-Mar-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	qh	3/28/2001 / 3/28/2001
Trichloroethene	424	ug/l	1.7	5.4	5		8260	qh	3/28/2001 / 3/28/2001
Trichlorofluoromethane	< 1.2	ug/l	1.2	3.8	5		8260	qh	3/28/2001 / 3/28/2001
Vinyl chloride	< 1.0	ug/l	1.0	3.2	5		8260	qh	3/28/2001 / 3/28/2001

Sample Number: 23370 QC Prep Batch Number: 996790 Collection: 3/26/2001 Time: 10:05
Client ID: 010326WAO7P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/28/2001 / 3/28/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/28/2001 / 3/28/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/28/2001 / 3/28/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/28/2001 / 3/28/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/28/2001 / 3/28/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/28/2001 / 3/28/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/28/2001 / 3/28/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 27-Mar-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	3/28/2001 / 3/28/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/28/2001 / 3/28/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/28/2001 / 3/28/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/28/2001 / 3/28/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/28/2001 / 3/28/2001

Sample Number: 23371 QC Prep Batch Number: 996790 Collection: 3/26/2001 Time: 10:07
Client ID: 010326WAO8P Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/28/2001 / 3/28/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 27-Mar-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	3/28/2001 / 3/28/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/28/2001 / 3/28/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/28/2001 / 3/28/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/28/2001 / 3/28/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/28/2001 / 3/28/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromoform	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/28/2001 / 3/28/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/28/2001 / 3/28/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/28/2001 / 3/28/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/28/2001 / 3/28/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/28/2001 / 3/28/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 27-Mar-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	3/28/2001 / 3/28/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/28/2001 / 3/28/2001

Sample Number: 23372 QC Prep Batch Number: 996790 Collection: 3/26/2001 Time:
Client ID: trip blank Sample Description:

1,1,1,2-Tetrachloroethane	< 0.22	ug/l	0.22	0.70	1		8260	qh	3/28/2001 / 3/28/2001
1,1,1-Trichloroethane	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2,2-Tetrachloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1,2-Trichloroethane	< 0.44	ug/l	0.44	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,1-Dichloropropene	< 0.43	ug/l	0.43	1.4	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichlorobenzene	< 0.50	ug/l	0.50	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,3-Trichloropropane	< 0.51	ug/l	0.51	1.6	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trichlorobenzene	< 0.47	ug/l	0.47	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2,4-Trimethylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dibromoethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichlorobenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloroethane	< 0.35	ug/l	0.35	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,2-Dichloropropane	< 0.32	ug/l	0.32	1.0	1		8260	qh	3/28/2001 / 3/28/2001
1,3,5-Trimethylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
1,3-Dichloropropane	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
1,4-Dichlorobenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
12Dibromo-3-chloropropan	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
2,2-Dichloropropane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
2-Butanone (MEK)	< 1.4	ug/l	1.4	4.4	1		8260	qh	3/28/2001 / 3/28/2001
2-Chloroethyl Vinyl Ether	< 0.70	ug/l	0.70	2.2	1		8260	qh	3/28/2001 / 3/28/2001
2-Chlorotoluene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
4-Chlorotoluene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
4-Methyl-2-Pentanone	< 0.80	ug/l	0.80	2.5	1		8260	qh	3/28/2001 / 3/28/2001
Acetone	< 1.6	ug/l	1.6	4.9	1		8260	qh	3/28/2001 / 3/28/2001
Benzene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Bromobenzene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Bromochloromethane	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Bromodichloromethane	< 0.38	ug/l	0.38	1.2	1		8260	qh	3/28/2001 / 3/28/2001

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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER: **20010172**
DATE REPORTED: 06-Apr-01
DATE RECEIVED: 27-Mar-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	3/28/2001 / 3/28/2001
Bromomethane	< 0.65	ug/l	0.65	2.1	1		8260	qh	3/28/2001 / 3/28/2001
Carbon tetrachloride	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Chlorobenzene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Chloroethane	< 0.64	ug/l	0.64	2.0	1		8260	qh	3/28/2001 / 3/28/2001
Chloroform	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Chloromethane	< 0.49	ug/l	0.49	1.6	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,2-Dichloroethene	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
cis-1,3-Dichloropropene	< 0.37	ug/l	0.37	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Dibromochloromethane	< 0.41	ug/l	0.41	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Dibromomethane	< 0.46	ug/l	0.46	1.5	1		8260	qh	3/28/2001 / 3/28/2001
Dichlorodifluoromethane	< 0.27	ug/l	0.27	0.86	1		8260	qh	3/28/2001 / 3/28/2001
Ethylbenzene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
Hexachlorobutadiene	< 0.42	ug/l	0.42	1.3	1		8260	qh	3/28/2001 / 3/28/2001
Isopropyl Ether	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Isopropylbenzene	< 0.33	ug/l	0.33	1.0	1		8260	qh	3/28/2001 / 3/28/2001
m&p-xylene	< 0.53	ug/l	0.53	1.7	1		8260	qh	3/28/2001 / 3/28/2001
Methyl-t-butyl ether	< 0.39	ug/l	0.39	1.2	1		8260	qh	3/28/2001 / 3/28/2001
Methylene chloride	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
n-Butylbenzene	< 0.36	ug/l	0.36	1.1	1		8260	qh	3/28/2001 / 3/28/2001
n-Propylbenzene	< 0.28	ug/l	0.28	0.89	1		8260	qh	3/28/2001 / 3/28/2001
Naphthalene	< 0.75	ug/l	0.75	2.4	1		8260	qh	3/28/2001 / 3/28/2001
o-xylene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
p-Isopropyltoluene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
sec-Butylbenzene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Styrene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
tert-Butylbenzene	< 0.30	ug/l	0.30	0.95	1		8260	qh	3/28/2001 / 3/28/2001
Tetrachloroethene	< 0.31	ug/l	0.31	0.99	1		8260	qh	3/28/2001 / 3/28/2001
Toluene	< 0.29	ug/l	0.29	0.92	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,2-Dichloroethene	< 0.25	ug/l	0.25	0.80	1		8260	qh	3/28/2001 / 3/28/2001
trans-1,3-Dichloropropene	< 0.26	ug/l	0.26	0.83	1		8260	qh	3/28/2001 / 3/28/2001
Trichloroethene	< 0.34	ug/l	0.34	1.1	1		8260	qh	3/28/2001 / 3/28/2001
Trichlorofluoromethane	< 0.24	ug/l	0.24	0.76	1		8260	qh	3/28/2001 / 3/28/2001
Vinyl chloride	< 0.20	ug/l	0.20	0.64	1		8260	qh	3/28/2001 / 3/28/2001

APL INC.
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ORGANIC REPORT

WDNR# 241340550

BATCH NUMBER:	**20010172**
DATE REPORTED:	06-Apr-01
DATE RECEIVED:	27-Mar-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:** 4/6/01

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.