



# INORGANIC CHEMICALS (IOC's) IN DRINKING WATER FORM

State Form 53285 (6-07)  
 Indiana Department of Environmental Management (IDEM)  
 Office of Water Quality - Drinking Water Branch - Compliance Section

INSTRUCTIONS: Please submit completed forms to: IDEM OWQ Drinking Water, Mail Code 66-34, 100 N Senate Ave, Indianapolis, IN 46204-2251

Lab Received: 11/19/13    QA Review Date: 11/27/13    Report Date: 11/27/13    Lab Report Number: 307292

For Laboratory Use Only => (Write dates as MM/DD/YY)

PWSID: IN5264029    System Name: VALPARAISO WATER DEPARTMENT

Main Lab Certification: C-71-01    Main/Contracted Laboratory Name: UL

Testing Lab ID: C-71-01    Lab Contact Person: JIM VERNON    Contact Phone No: 574-233-4777

Collection Date (MM/DD/YY): 11/19/13    Sample ID: 2933050    POE: 3    Sampling Site/Location: FLINT LAKE PLANT

Regulated IOCs	Comp ID#	Compound Name	Analysis Date (MM.DD.YY)	Approved Method **	Result (mg/L)	Detection Level	BDL	MCL (mg/L)
	<u>1074</u>	Antimony	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>
<u>1005</u>	Arsenic	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>	<u>0.010</u>
<u>1010</u>	Barium	<u>11.20.13</u>	<u>200.8</u>		<u>0.059</u>		<input type="checkbox"/>	<u>2.0</u>
<u>1075</u>	Beryllium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0003</u>	<input checked="" type="checkbox"/>	<u>0.004</u>
<u>1015</u>	Cadmium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>	<u>0.005</u>
<u>1020</u>	Chromium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0009</u>	<input checked="" type="checkbox"/>	<u>0.1</u>
<u>1024</u>	Cyanide (Free)	<u>11.21.13</u>	<u>335.4</u>			<u>0.02</u>	<input checked="" type="checkbox"/>	<u>0.2</u>
<u>1025</u>	Fluoride (Adjusted)						<input type="checkbox"/>	<u>2.0</u>
<u>1025</u>	Fluoride (Natural)	<u>11.21.13</u>	<u>380-75WE</u>		<u>0.7</u>		<input type="checkbox"/>	<u>4.0</u>
<u>1035</u>	Mercury	<u>11.22.13</u>	<u>245.1</u>			<u>0.0001</u>	<input checked="" type="checkbox"/>	<u>0.002</u>
<u>1036</u>	Nickel	<u>11.20.13</u>	<u>200.8</u>		<u>0.0027</u>		<input type="checkbox"/>	<u>0.1</u>
<u>1045</u>	Selenium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0020</u>	<input checked="" type="checkbox"/>	<u>0.05</u>
<u>1085</u>	Thallium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0003</u>	<input checked="" type="checkbox"/>	<u>0.002</u>
<u>1094</u>	Asbestos						<input type="checkbox"/>	<u>7. MFL</u>

<u>1055</u>	Sulfate						<input type="checkbox"/>	(No MCL)
<u>1052</u>	Sodium	<u>11.20.13</u>	<u>200.7</u>		<u>26.</u>		<input type="checkbox"/>	(No MCL)

**Other Information:**

Does the system chlorinate its water?     Yes     No

Was the sample dechlorinated at the lab?     Yes     No

Was this information sent to IDEM by the lab?     Yes     No

**Preservative Used:**

Iced     HNO3

NaOH     Other: NaBH4

I hereby certify that all the information submitted herein is true and accurate to the best of my knowledge.

Reviewed By: \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Finalized by: \_\_\_\_\_

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 Note: The results presented relate only to the samples provided for analysis.



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Main Lab Certification: C-71-01 Main/Contracted Laboratory Name: UL

Testing Lab ID: C-71-01 Lab Contact Person: JIM VERNON Contact Phone No: 574-233-4777

Collection Date (MM/DD/YY): 11/19/13 Sample ID: 2933053 POE: 2 Sampling Site/Location: AIRPORT PLANT

Regulated IOCs	Comp ID#	Compound Name	Analysis Date (MM.DD.YY)	Approved Method **	Result (mg/L)	Detection Level	BDL	MCL (mg/L)
	<u>1074</u>	Antimony	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>
<u>1005</u>	Arsenic	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>	<u>0.010</u>
<u>1010</u>	Barium	<u>11.20.13</u>	<u>200.8</u>		<u>0.036</u>		<input type="checkbox"/>	<u>2.0</u>
<u>1075</u>	Beryllium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0003</u>	<input checked="" type="checkbox"/>	<u>0.004</u>
<u>1015</u>	Cadmium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0010</u>	<input checked="" type="checkbox"/>	<u>0.005</u>
<u>1020</u>	Chromium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0009</u>	<input checked="" type="checkbox"/>	<u>0.1</u>
<u>1024</u>	Cyanide (Free)	<u>11.21.13</u>	<u>335.4</u>			<u>0.02</u>	<input checked="" type="checkbox"/>	<u>0.2</u>
<u>1025</u>	Fluoride (Adjusted)						<input type="checkbox"/>	<u>2.0</u>
<u>1025</u>	Fluoride (Natural)	<u>11.21.13</u>	<u>380-75WE</u>		<u>0.7</u>		<input type="checkbox"/>	<u>4.0</u>
<u>1035</u>	Mercury	<u>11.22.13</u>	<u>245.1</u>			<u>0.0001</u>	<input checked="" type="checkbox"/>	<u>0.002</u>
<u>1036</u>	Nickel	<u>11.20.13</u>	<u>200.8</u>		<u>0.0014</u>		<input type="checkbox"/>	<u>0.1</u>
<u>1045</u>	Selenium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0020</u>	<input checked="" type="checkbox"/>	<u>0.05</u>
<u>1085</u>	Thallium	<u>11.20.13</u>	<u>200.8</u>			<u>0.0003</u>	<input checked="" type="checkbox"/>	<u>0.002</u>
<u>1094</u>	Asbestos						<input type="checkbox"/>	<u>7. MFL</u>

<u>1055</u>	Sulfate						<input type="checkbox"/>	(No MCL)
<u>1052</u>	Sodium	<u>11.20.13</u>	<u>200.7</u>		<u>17.</u>		<input type="checkbox"/>	(No MCL)

**Other Information:**

Does the system chlorinate its water?  Yes  No

Was the sample dechlorinated at the lab?  Yes  No

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**Preservative Used:**

Iced

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