

**POTW PRETREATMENT ANNUAL REPORT**

**CITY OF GLENDALE, ARIZONA**

**COVER SHEET**

**NPDES Permit Holder: City of Phoenix, Arizona**

**Period Covered by this Report: 01-01-02 through 12-31-02**

**Name of Wastewater Treatment Plant: 91st Avenue WWTP**

**NPDES Permit Number: AZ0020524**

**Person to Contact Concerning City of Glendale Information Contained in the Report:**

**John Watkins  
Pretreatment Officer  
West Area Water Reclamation Facility  
5901 N. Glen Harbor Blvd  
Glendale, Arizona 85307  
623-930-4758**

*As required by 40 C.F.R. Section 122.22(b)(2):*

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Roger Bailey, Director of Utilities,  
City of Glendale, Arizona**

**CITY OF GLENDALE  
PRETREATMENT PERFORMANCE SUMMARY**

I. General Information							
Control Authority Name: CITY OF GLENDALE			NPDES No.: AZ0020524 (City of Phoenix)				
Address: 5901 N. Glen Harbor		City: Glendale		State: Arizona		ZIP: 85307	
Contact Person: John Watkins				Contact Telephone Number: (623) 930-4758			
Reporting Period: 01-01-02 to 12-31-02			Categorical IUs: 2		Significant Noncategorical IUs: 1		
II. Significant Industrial User Compliance							
		Categorical		Noncategorical		Total SIUs	
		No.	%	No.	%	No.	%
1.	No. of SIUs in Full Compliance	0	0	0	0	0	0
2.	No. of SIUs in Inconsistent Compliance	2	100	1	100	3	100
3.	No. of SIUs in Significant NonCompliance	0	0	0	0	0	0
4.	No. of Parameter Violations	4		1		5	
5.	No. of Reporting Violations	0		0		0	
6.	No. of Permit Condition Violations	0		0		0	
III. Compliance Monitoring Program							
		Categorical		Noncategorical		Total SIUs	
1.	No. of Control Documents Issued	0		0		0	
2.	No. of Nonsampling Inspections Conducted	2		1		3	
3.	No. of Facilities Inspected (Nonsampling)	2		1		3	
4.	No. of Sampling Visits Conducted	22		4		26	
5.	No. of Facilities Sampled	2		1		3	
IV. Enforcement Actions							
		Categorical		Noncategorical		Total SIUs	
1.	Notices of Violations Issued to SIUs	2		1		3	
2.	Temporary Increase in IU Self Monitoring	2		0		2	
3.	Administrative Orders Issued to SIUs	0		0		0	
4.	Compliance Schedules Issued	0		0		0	
5.	Settlement Agreements	0		0		0	
6.	Other Actions	0		0		0	
7.	Amount of Penalties Collected	\$ 0/0		\$ 0/0		\$ 0/0	

**CITY OF GLENDALE**  
**SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: American Pumping Service, Inc.		REPORT PERIOD: 01/01/02 to 12/31/02	
SERVICE ADDRESS: 6515 West Northview Glendale, Arizona 85301		MAILING ADDRESS: P.O. Box 6899 Glendale, Arizona 85312	
CATEGORICAL USER? No	40 CFR	LIMITS APPENDIX:	BMR SUBMITTED: N/A
TTO CERTIFICATION DATE SUBMITTED: N/A		PERMIT EFFECTIVE: 04/15/01	PERMIT EXPIRES: 04/14/2004
SAMPLING LOCATION VERIFIED ON: 1/29/02		RCRA NOTICE:	
SLUG CONTROL PLAN EVALUATION DATE: N/A			

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	2	0	2	0
Number of IU Sampling Days	1	0	1	0
Number of Parameter Violations	1	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	7/9/02	7/9/02	2/04/03	2/04/03

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance  
 If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit ug/L	Number of Measurements per Quarter
1	Limits	1/29/02	Composite	City	City	Heptachlor Epoxide	0.30 / Prohibited	1

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	A	N	N	N

**Enforcement Status Codes**

A - Notice of Violation (NOV)  
 B - Administrative Order (AO)  
 C - Civil Action Filed  
 D - Criminal Action Filed  
 E - Pretreatment Settlement Agreement (PSA)

F - Assessment Monetary Penalties  
 G - Restriction of Flow  
 H - Permit Revocation  
 I - Compliance Schedule Issued

J - Disconnection from Sewer  
 K - Published in Newspaper as Significant Violator in Previous Year (SNC)  
 L - Temporary Increase in IU Self Monitoring (TISM)  
 N - No Enforcement Action

## ENFORCEMENT SUMMARY AND COMMENTS

Company Name: American Pumping Service, Inc.

Process Flow: 5076 gal/day, (2 - 3 batches /day)

<b>General Information and type of wastewater treatment</b>	
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American Pumpings' pretreatment system is a non hazardous liquid waste dewatering system that consists of lime conditioning, polymer addition, and belt press dewatering. They batch treat grease trap waste, and discharge an average of 5076 gallons per day 20 days per month. They monitor pH weekly, and monitor flow daily during batch discharges.

<b>First Quarter</b>	
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City personnel sampled this facility for 2 days in January and the facility was inspected during that time. A NOV was issued on 3/28/02 for heptachlor epoxide pesticide violation ( 0.30 ug/L) from a sample taken by the City on 1/29/02. A report filed by American Pumping on April 2, 2003, indicated the probable source of the pesticide was a Lake Pleasant outdoor recreation facility pumped on January 28, 2002.

<b>Second Quarter</b>	
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No enforcement actions this quarter

<b>Third Quarter</b>	
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No enforcement actions this quarter  
Sampling by the City was performed this quarter with no violations being found.

<b>Fourth Quarter</b>	
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No enforcement actions this quarter

To be published for this year in newspaper as a significant violator?      Yes   X   No

Penalties this reporting Year:     Assessed \$ -0- / Collected \$ -0-

**CITY OF GLENDALE**

**SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Corning Gilbert Incorporated		REPORT PERIOD: 01/01/02 to 12/31/02	
SERVICE ADDRESS: 5310 West Camelback Road Glendale Arizona 85301		MAILING ADDRESS: P.O. Box 23189 Phoenix, Arizona 85063	
CATEGORICAL USER? Yes	40 CFR 433.15	LIMITS APPENDIX:	BMR SUBMITTED: 08-21-84
TTO CERTIFICATION DATE SUBMITTED: 11/07/02	PERMIT EFFECTIVE: 6/27/00	PERMIT EXPIRES: 12/31/02	
SAMPLING LOCATION VERIFIED ON: 1/14/02		RCRA NOTICE: 06-08-90	
SLUG CONTROL PLAN EVALUATION DATE: 9/21/00			

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	5	5	4	5
Number of IU Sampling Days	6	4	5	8
Number of Parameter Violations	0	0	0	3
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	C	C	C	I
Evaluated as of:	7/09/02	7/09/02	2/03/03	2/03/03

COMPLIANCE CODES: C = Compliance I = Inconsistent Compliance S = Significant NonCompliance  
If company is in I or S, then the following table applies

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City of IU	Parameter	Value / Limit mg/L	Number of Measurements per Quarter
4	Limits	10/21	Grab	Fed	City	Cyanide	2.4 / 1.2	7
4	Limits	10/22	Grab	Fed	City	Cyanide	2.2 / 1.2	7
4	Limits	10/31	Grab	Fed	City	Cyanide	2.0 / 0.65	7

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Enforcement Status	N	N	N	A, L

**Enforcement Status Codes**

A - Notice of Violation (NOV)  
B - Administrative Order (AO)  
C - Civil Action Filed  
D - Criminal Action Filed  
E - Pretreatment Settlement Agreement (PSA)

F - Monetary Penalties Assessed  
G - Restriction of Flow  
H - Revocation of Permit  
I - Compliance Schedule Issued  
J - Disconnection of Service

K - Published in Newspaper as Significant Violator (SNC) i n prior year  
L - Temporary Increase in Self Monitoring (TISM)  
N - No Enforcement Action

## ENFORCEMENT SUMMARY AND COMMENTS

Company Name: Corning Gilbert, Inc.

Process Flow: 142,057 GPD (Average)

<b>General Information and type of wastewater treatment</b>	
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This facility manufactures coaxial cable connectors. Pretreatment consists of hydroxide precipitation, chemical oxidation, stream segregation, filtration, sedimentation, and pH neutralization. Corning-Gilbert monitors flow and pH on a daily basis.

First Quarter	
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No enforcement action this quarter.  
City personnel sampled this facility January 14-18. City personnel inspected Gilbert during the January sampling event.

Second Quarter	
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No enforcement action this quarter.  
City personnel sampled this facility June 17-21.

Third Quarter	
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No enforcement action this quarter.  
City personnel sampled this facility August 19-22.

Fourth Quarter	
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City sampled this facility October 21 –25 and found two (2) cyanide limits violations at their cyanide destruction tank. They were issued a Notice of Violation (NOV) December 13 that included a TISM. Subsequent testing by Corning Gilbert indicates they are currently in full compliance.

To be published for this year in newspaper as a significant violator?     Yes     No

Penalties this reporting Year:    Assessed \$ -0- / Collected \$ -0-

**CITY OF GLENDALE  
SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS REPORT**

NAME: Presto Casting Company				REPORT PERIOD: 01/01/02 to 12/31/02			
SERVICE ADDRESS: 5440 West Missouri Ave Glendale Arizona 85301			MAILING ADDRESS: P.O. Box 1059 Glendale, Arizona 85311				
CATEGORICAL USER?	Yes	40 CFR	433.15	LIMITS APPENDIX:		BMR SUBMITTED: 12/29/88	
TTO CERTIFICATION DATE SUBMITTED: NA			PERMIT EFFECTIVE: 6/28/00		PERMIT EXPIRES: 12/31/02		
SAMPLING LOCATION VERIFIED ON: 1/11/02			RCRA NOTICE: 06/08/90				
SLUG CONTROL PLAN EVALUATION DATE: 9/29/00							

	1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)
Number of Inspections	1	0	0	0
Number of City Sampling Days	5	0	4	0
Number of IU Sampling Days	1	2	1	1
Number of Parameter Violations	0	0	0	0
Number of Inspection Violations	0	0	0	0
Number of Reporting Violations	0	0	0	0
Number of Permit Cond. Violations	0	0	0	0
Compliance Status	I	C	C	C
Evaluated as of:	7/09/02	7/09/02	2/03/03	2/03/02

COMPLIANCE CODES: C=Compliance; I= Inconsistent Compliance; S=Significant NonCompliance;  
If company is in I or S, then the following table applies:

Quarter	Type of Violation	Date of Violation	Sample Composite or Grab	Limit Federal or City	Monitoring City or IU	Parameter	Value / Limit (mg/L)	Number of Measurements per Quarter
1	Limits	2/14/02	Grab	City	City	TPH	350 / 100	4
			1st Quarter (Jan 1 - Mar 31)	2nd Quarter (Apr 1 - Jun 30)	3rd Quarter (Jul 1 - Sep 30)	4th Quarter (Oct 1 - Dec 31)		
Enforcement Status			N	N	A, L	N		

**Enforcement Status Code**

A - Notice of Violation (NOV)  
B - Administrative Order (AO)  
C - Civil Action Filed  
D - Criminal Action Filed  
E - Pretreatment Settlement Agreement (PSA)

F - Monetary Penalties Assessed  
G - Restriction of Flow  
H - Revocation of Permit  
I - Compliance Schedule Issued  
J - Disconnection of Service

K - Published in Newspaper as Significant Violator (SNC) in Prior Year  
L - Temporary Increase in Self Monitoring (TISM)  
N - No Enforcement Action

**ENFORCEMENT SUMMARY AND COMMENTS**

Company Name: Presto Casting Company  
 Process Flow: 17,673 GPD (Average)

<b>General Information and type of wastewater treatment</b>	<p>This facility produces aluminum and magnesium parts by casting. Pretreatment system consists of treating chrome rinse water by reducing chrome III with SO<sub>2</sub>, neutralizing, then sending through a filter press. Non chrome rinse baths are batch reduced then released. There is no discharge to the sewer from their casting quench operation. Flow and pH are monitored on a continuous basis.</p>
<b>First Quarter</b>	<p>Presto Casting was sampled by City personnel January 11-15. City personnel inspected Presto during January sampling event.</p>
<b>Second Quarter</b>	<p>No enforcement action this quarter.</p>
<b>Third Quarter</b>	<p>Presto was issued a NOV for a TPH violation from the January sampling event. Five subsequent TISM results between Aug 1 and Aug 29 indicated they were within permit limits. Subsequent investigation indicated that their Zyglo penetrant dye was yielding false positives for the TPH analyses. An alternate test will be substituted during their upcoming permit renewal.</p>
<b>Fourth Quarter</b>	<p>No enforcement action this quarter.</p>

To be published for this year in newspaper as a significant violator?  Yes  No  
 Penalties this reporting Year: Assessed \$ 0 / Collected \$ 0

**Glendale Pretreatment Program**  
**Significant Industrial Users (SIU)**

**American Pumping Company**

7220 N. 65th Avenue  
Glendale, Arizona 85301  
Signatory: Perry French, Owner  
Contact: Perry French  
Phone: 602-252-8111  
Local Limits Only                      SIC: 7699,1711

**Corning-Gilbert Inc.**

5310 West Camelback Road  
Glendale, AZ 85301  
Signatory: Ms. Ann Skanadore, Laboratory Director  
Contact: Mr. Dan Reeves  
phone: 602-245-1050  
40 CFR 433, Local Limits              SIC: 3644,3471

**Presto Casting Company**

5440 West Missouri Ave  
Glendale, AZ 85301  
Signatory: Mr. Lawrence Herman, VP & General Manager  
Contact: Mr. Paul Faulkner  
phone: 602-939-9441  
40 CFR 433, Local Limits              SIC: 3361,3479

Updated 2/04/03



## City of Glendale Pretreatment Program

### **Pollution Prevention Through Point Source Control Measures**

NPDES Annual Progress Report: January 1, 2002 through December 31, 2002

#### **Introduction**

Section C.1 of the National Pollutant Discharge Elimination System (NPDES) Permit No. AZ0020524 requires Sub-Regional Operating Group (SROG) member cities to submit progress reports detailing efforts pertaining to pollution prevention through point source control measures. The City of Glendale's effort is summarized below.

#### **Point Source Control Program**

##### ***Pollutants of Concern:***

Businesses that have the potential to discharge pollutants of concern have been found in 52 different SIC code designations within the City of Glendale. Our revised database indicates a total of 1389 such businesses within the City of Glendale. Pollution prevention inspections were performed at 80 businesses during 2002. Educational materials regarding waste minimization and pollution prevention were handed out during those inspections. We have expanded our commercial inspection activities to include all businesses with pollutants of concern.

##### ***Oil & Grease Program:***

Our database currently identifies 612 restaurants, taverns and other eating establishments that have oil and grease discharges and thus receives periodic inspections by the City. There were a total of 343 grease trap inspections performed during 2002.

##### ***Significant Industrial Users (SIUs):***

Semi-annual sampling is routinely conducted each year at American Pumping and Presto Casting Company and quarterly compliance sampling is performed at Corning Gilbert, Inc. These businesses are also inspected on an annual basis to ensure compliance with industrial discharge permit requirements. Annual inspections are also conducted at Stone Container, Thunderbird Samaritan Hospital, and Gaylord Container. National Flight is inspected annually to verify zero discharge since this industry would be considered a significant industrial user if they were discharging process wastewater.

##### ***Stormwater Program:***

Pretreatment personnel are also responsible for performing stormwater related duties. These include inspections at outfalls, City facilities, and businesses that fall under the *EPA Stormwater Multi Sector General Permit* listed SIC designations. We also review SWPPs for those businesses that have filed an NOI with the EPA. This year we conducted quarterly inspections at 32 outfalls, inspected 6 City facilities, and sent letters to approximately 400 businesses that are in our 'Stormwater' database informing them of their stormwater control responsibilities.

## Domestic Site Sampling

Sampling was performed at our domestic site location at 65th Avenue and Onyx Street on February 21, 22, and 23 so far this year. This is a long term and ongoing sampling program in which the data collected will be utilized for local limit development and to assess the domestic contribution of pollutants into our wastewater systems.

## SROG Participation

The Glendale Pretreatment Officer continues to participate in monthly SROG TAC (Technical Advisory Committee) meetings held at the AMWUA offices in Phoenix. He also attends periodic meetings regarding the 91<sup>st</sup> Ave POTW Metering Stations Impact Study held at the City of Phoenix complex. Glendale personnel were involved in the intensive 3 week SROG 'local limits' sampling project conducted in December.

EPA awarded the SROG member Cities, including Glendale, with their annual *Pretreatment Program of the Year Award for 2002* at the annual WEFTEC conference in Chicago in October.

## Training / Seminars Attended By Pretreatment Personnel

- City of Glendale annual refresher courses in confined space, respirator certification, environmental awareness, hazard communications, hazardous materials transportation, laboratory safety, and process safety. Pretreatment personnel also attended forklift safety and traffic control classes.
- 40 hour and 8 hour Hazwoper refresher classes
- Annual AWPCA conference in Mesa
- Annual Tri-State Conference in Laughlin, NV
- EMA Security Risk Assessment Methodology for Water Utilities Workshop
- Environmental Symposium on Bio-Terrorism conducted by Precision Analytical Labs
- The Grease Summit Seminar conducted by Environmental Biotech, Inc.
- WEFTEC Annual Conference in Chicago

## Education / Outreach

A Pretreatment Program website is available through the City of Glendale Homepage at the internet address: [www.ci.glendale.az.us/localgov/utilities/pretreatment/](http://www.ci.glendale.az.us/localgov/utilities/pretreatment/)

During business inspections we are handing out brochures entitled *Pollution Prevention for Automotive Maintenance and Repair Shops*, *Pocketguide to Grease Traps and Interceptors for Eating Establishments*, and the *ADEQ Managing Hazardous Waste Handbook*.

Three Pretreatment Inspectors participated in the Dysart High School Career Day in April . They discussed careers in the water and wastewater industry and distributed related literature.

Pretreatment personnel occasionally give a Glendale Pretreatment Program presentation to participants in the *Glendale University* program