

**WATER ENVIRONMENT SERVICES - INDUSTRIAL PRETREATMENT
INDUSTRY FACT SHEET - INDUSTRIAL USER INFORMATION**

Company Name :	[REDACTED]		
Nature of Business	<i>Fabrication and Assembly of clean rooms, air handling units, and ceiling systems for industrial facilities.</i>		
Site Address:	[REDACTED] SE Hwy 212 Clackamas, OR 97015	Mailing Address:	
Signatory Auth. :	[REDACTED]	Alternate Contact:	[REDACTED]
Telephone # :	503-703-[REDACTED]	Telephone #:	503-545-7563
Facsimile # :	503-722-[REDACTED]	Facsimile #:	
E-Mail Address:	rickf@[REDACTED].com	E-Mail Address:	stevek@[REDACTED].com
Permit # :	01K-048-D	SIC Code:	3444, 3479
Expiration Date :	9/15/10	Last Permit Rev.:	
Water Account # :	Clackamas River Water	Water Usage (GPD):	
Discharge (GPD):	5,800	# of employees:	125
Hours of Prod.:	5 am - 3:30 pm (Mo -Th)	# of Shifts:	1 - 2
Main Pump Station	<i>Flow from this facility goes to the Tri-City Treatment Plant through the Camp Withycombe and Clackamas Pumpstations</i>		
Other Environmental Permits:	Stormwater <u> N/A </u> Exp. Date <u> </u> Permit No. <u> </u>	Air Discharge <u> N/A </u> Exp. Date <u> </u> Permit No. <u> </u>	
	Hazardous <u> SOG </u> Exp. Date <u> --- </u> Permit No. <u> ORO 000028262 </u>	Other <u> N/A </u> Exp. Date <u> </u> Permit No. <u> </u>	
Point of Compliance:	<i>Effluent Barrel of Neutralization Tank</i>		
Emergency Contact	Pat Clark	After Hours Phone	503-703-8150
Safety Considerations:	<i>Safety Glasses</i>		

Resources used to prepare the Fact Sheet. Check all that apply

Previous Permit	X	Monitoring Data	X
Permit Application		MSDS Information	
NRQ		Fire Marshall Report	
Compliance History	X	Site History	
Site Inspection	X	Corporate Report	
		Similar Operations	

Check All That Apply

1. IU CLASSIFICATION:

Because part of their process involves a phosphatizing wash prior to powder coating, [REDACTED] is subject to the standards and conditions contained in 40 CFR 433. Process discharge began 10/95. As a result, [REDACTED] is subject to pretreatment standards for new sources (40 CFR 433.17).

2. BUSINESS DESCRIPTION:

[REDACTED] International is an integrated shop that fabricates and assembles clean rooms, air handling units, and ceiling systems for the industrial buildings.

3. DESCRIPTION OF PROCESSES GENERATING WASTEWATER:

Processes that generate wastewater include:

Phosphatizing Wash - To clean the large parts and prep the parts surface for powder coating.

4. RAW WASTEWATER DESCRIPTION:

The only metal that shows up in the wastewater is zinc. The main pollutant is pH, due to the phosphatizing wash.

5. PRETREATMENT :

Pretreatment at [REDACTED] involves neutralization and settling of rinsewater prior to discharge into the sanitary sewer. Rinsewater accumulates under the wash unit and is monitored for pH. When the pH falls below 6.0, a metering pump injects NaOH until the pH comes up. When the rinsewater accumulates to a certain level, it is pumped over to a 1250 gallon holding tank where the neutralization reaction continues and settling occurs before it overflows into an intermediate barrel for final pH monitoring and sampling.

6. SPILL PLAN STATUS

[REDACTED], Int. is not required to have an ASPP because there are no floor drains in the vicinity of the phosphatizing wash. Spills of wash tank contents are contained within a contained area and would need to be pumped to the treatment tank before it could be discharged.

Because of its metal finishing category, [REDACTED], Int. has a TOMP as part of its TTO Certification requirements.

7. PERMIT FEE

PARAMETER	CRITERIA	POINTS
Flow	<10,000 gpd	1
X-Strength	No	1
SIU	Yes	2
Enforcement	<3/year	1
Self-Monitoring	<1/month	1
Dist. Monitoring	<1/month	1
TOTAL		7

Under the District's fee schedule, total points accumulated equals 7, thus placing Cleanpak in Tier 1 of the fee schedule. First year fee would start at \$250.

8. ANALYSIS OF DISCHARGE DATA

Pollutants #Violations/Samples		Company Data 6/07 to 5/09		
		Avg. For Period (mg/L)	Maximum Value (mg/L)	Applicable Limits (mg/L)
Arsenic	0/0	<0.005	<0.005	0.16
Cadmium	0/0	<0.020	<0.020	0.07
Chromium	0/0	<0.020	0.044	1.71
Copper	0/0	<0.020	<0.020	2.07
Lead	0/0	<0.040	<0.040	0.43
Mercury	0/0	<0.0002	<0.0002	0.0035
Molybdenum	0/0	4.3	5.4	N/A
Nickel	0/0	<0.040	<0.040	2.38
Selenium	0/0	<0.100	<0.100	N/A
Silver	0/0	<0.030	<0.030	0.24
Zinc	0/0	0.46	0.73	1.48
Cyanide-T	0/0	<0.010	<0.010	0.65
Oil/Grease (T)	0/0	<5.0	0.0087	100
TTO	0/0	<0.005	0.0087	2.13
Flow (gpd)		2,946	5,270	

Enter Historical Analytical Data to Evaluate Whether a Pollutant Should be Monitored.

Note: Pollutants should be evaluated based on their potential for being present in the raw wastewater not the treated wastewater.

9. EXPLANATION OF POLLUTANTS OF CONCERN & MONITORING FREQUENCY

Below is a listing of the pollutants in the permit and why:

- Flow - To track loading*
- pH - Because of phosphatizing, pH is monitored*
- O&G - Due to the O&G rarely appearing on analysis, this parameter is no longer required for monitoring*
- Metals - Because of the nature of the business and required to be monitored under metal finishing standards.*
- CN & TTO - Required under metal finishing standards.*

10. MONITORING FREQUENCY

List frequency for each parameter

SELF MONITORING FREQUENCY	
Monthly:	<i>Flow and Continuous pH</i>
Quarterly:	
Semi-Annually:	<i>Cd, Cr, Cu, pH, Ag, Ni, Zn, and CN</i>
Annually:	
Special Reports:	<i>TTO Certification (semi-annually)</i>

11. APPLICABLE LIMITS: (mg/L) (**Bolded Limits Apply**)

Parameter	Local Limit	Categorical Limit (see Note 1)	Categorical Limit (see Note 1)	CWF* or FWA*	CWF* or FWA*	Pollutant and Limits Listed in 40 CFR 433.17
		<u>Daily</u>	<u>Monthly</u>	<u>Daily</u>	<u>Monthly</u>	
arsenic	0.16					
cadmium	0.24	0.11	0.07			0.11 / 0.07
chromium	2.77	2.77	1.71			2.77 / 1.71
copper	3.84	3.84	2.07			3.84 / 2.07
lead	0.81	0.69	0.43			0.69 / 0.43
mercury	0.0035					
nickel	2.45	3.98	2.38			2.45 / 2.38
silver	0.56	0.43	0.24			0.43 / 0.24
zinc	2.61	2.61	1.48			2.61 / 1.48
cyanide	1.20	1.20	0.65			1.20 / 0.65
Polar oil & grease	300					
NP oil & grease	100					
pH	5.5 - 11.5					5.5 - 11.5
Closed Cup FP	> 140° F					
TTO	2.13	2.13				2.13
BOD						
TSS						

Note 1: Categorical limits are derived from 40 CFR 433.17 – Pretreatment Standards For New Sources.

*Calculations for Combined Wastestream Formula (CWF) of Flow Weighted Average (FWA) calculations for categorical Ius are found on Attachment D

This Table Denotes the Pollutants that will be listed in Permit Section 2a, as well as all additional pollutants that will be required to be monitored. Individual pollutant limits (categorical, local, or calculated) should be included in this table. The applicable pollutants and limits are bolded and underlined as in the above examples. In the above examples the “other” column holds categorical monthly average limits.

Log of Fact Sheet Changes

Date	Changes
6/9/00	New Fact Sheet - CB
10/23/01	Revise pg 1, #7, #8 and Sampling Fact Sheet - CB
9/3/02	Minor revision to pg 1 and #7 (as part of facility inspection) – CB
11/4/03	Minor revision to pg 1 and #7 (as part of facility inspection on 11/3/03) – CB
9/17/04	Revise as a result of facility inspection on 9/16/04 - CB
7/15/05	Revise as a result of facility inspection on 7/13/05 and permit renewal - CB
7/11/06	Revise as a result of facility inspection on 7/11/06 - CB
6/12/07	Updated after facility inspection on 6/12/07- EG
9/15/08	Updated after facility inspection on 9/12/08 - CB
6/16/09	Updated after facility inspection on 6/16/09 - CB

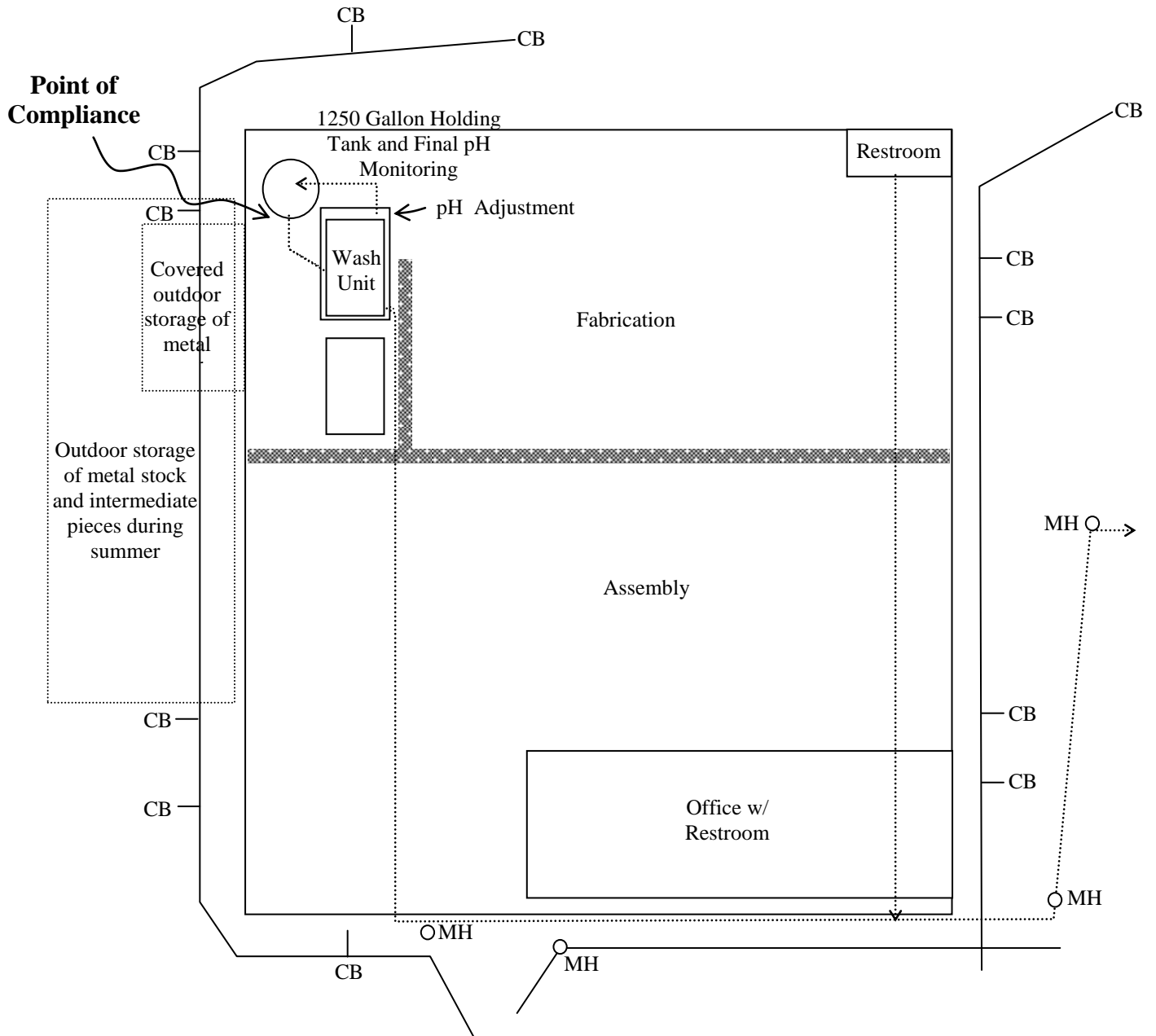
Prepared by: _____

Date: _____

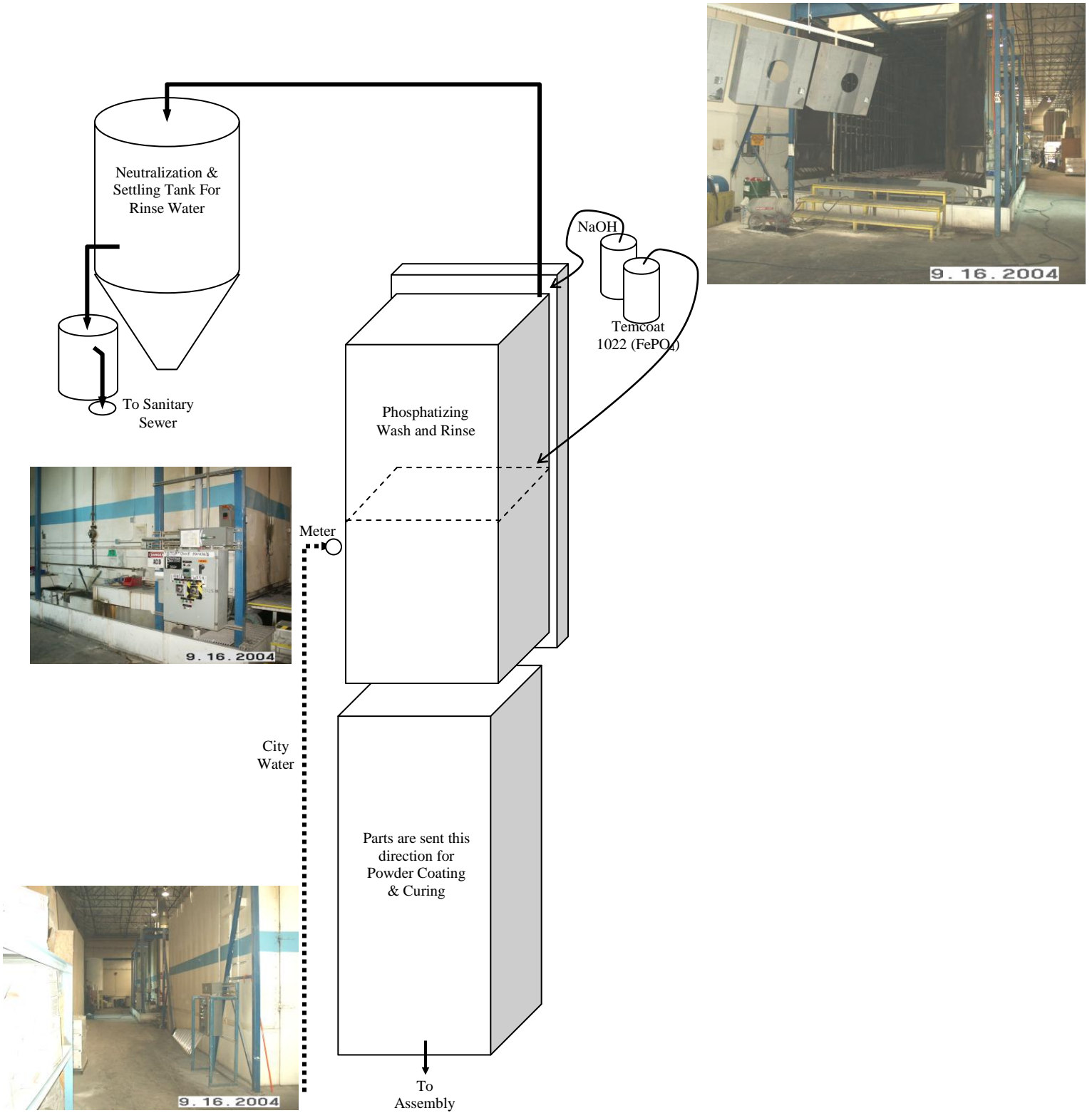
12. ATTACHMENTS:

A. FACILITY LAYOUT

(Including storm lines, catchbasins, drum storage, boneyards, outdoor processes, and detention ponds)



B: PROCESS DIAGRAM



D: DIAGRAM OF DISCHARGE POINTS & POINT OF COMPLIANCE

[See Section C: Pretreatment System Diagram]



E. SAMPLING FACT SHEET

Name: [REDACTED]
 Address: 11241 SE HWY 212
 City: Clackamas, OR 97015
 Contact: [REDACTED] (supervisor)
 Telephone: 503-557-4500
 Hours: 5am to 3:30pm (Mon – Thur)

Pollutant or Parameter	Type of Sample	Frequency
Flow	---	Monthly
Cadmium	Composite	Semiannually
Chromium	Composite	Semiannually
Copper	Composite	Semiannually
Lead	Composite	Semiannually
Nickel	Composite	Semiannually
Silver	Composite	Semiannually
Zinc	Composite	Semiannually
Cyanide	Grab	Semiannually
TTO	Grab	Semiannually
pH	Continuous	Daily

Notes:

- Call Bob before sampling
- Go to the front desk, sign in and ask for Bob, Andy, or Pat.
- Drive to the Northwest garage door entrance and enter Door #23
- Place the sampler on top of the stacked paper bags or on a plastic drum.

F. SURFACE WATER ISSUES

Stormwater Permit Number: N/A
Issuing Agency: N/A
Expiration Date: N/A

If the IU does not have an NPDES Storm Water Permit, then complete the following section:

Provide comments on the following Surface Water structures (see Attachment 12 A.) :

Catch Basins: 12 catchbasins

 Last cleaned on by Cleanpak Staff

Parking Lot:

 Last cleaned on by Cleanpak Staff

Detention Ponds: N/A

Outside Storage: Storage of stock material and intermediate pieces are
stored on the east parking lot during the summer. There is also a covered
area in the east parking area also.

Vehicle Washing Practices: N/A

Substantial pollutant loading to MS4 ? Yes X No

 Spill or Management Plan ? X Yes No

Other Surface Water related comments: