

MALAGA COUNTY WATER DISTRICT

3580 SOUTH FRANK STREET - FRESNO, CALIFORNIA 93725

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Slug Evaluation Certification

Malaga County Water District

WDR Order R5-2014-0145

NPDES No. CA0084239

3749 South Maple Avenue

Fresno, California

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1. Task Description

Task 3a: Submit certification that the Discharger has adequately evaluated all nondomestic users for the need to develop a slug discharge control plan, and how the Discharger will ensure, or has ensured, that the plans are developed where applicable. [Title 40, Code of Federal Regulations, 403.8(f)(2)(vi)]

Due Date: 1 February 2016

2. Slug Evaluation Summary and Certification

According to Title 40 Code of Federal Regulations 403.8(f)(2)(vi), Publicly Owned Treatment Works (POTWs) are required to “[e]valuate whether each such Significant Industrial User needs a plan or other action to control Slug Dischargers.” With the establishment of the District’s Pretreatment Program, the District has indeed adequately evaluated all Significant Industrial Users (SIUs) for the potential of having a slug discharge and for the need to develop a slug discharge control plan. Although the regulation 40 CFR 403.8(f)(2)(vi) does not mandate that all non-domestic users are required to be evaluated, the District went ahead and evaluated all non-domestic users for said criteria. The District determined that this supplemental action was significant in order to strengthen the Pretreatment Program and to protect the POTW from any adverse impacts that could potentially result from slug discharges. The District’s Pretreatment Program took a rigorous and methodical approach in order to identify and adequately evaluate all potential slug dischargers. A wide range of activity resulted from this effort. The Environmental Compliance Inspector conducted inspections on local facilities and new forms to assess slug dischargers were designed to aid in this effort. Statistical data on local industries was analyzed as part of the systematic approach to the evaluation. To ensure that plans are developed where applicable, the District reinforced its comprehension and familiarity with the legal definition of a Slug. By understanding which factors contribute to a slug discharge, the District was able to achieve a high degree of confidence that pertinent industries were evaluated and that plans were developed where applicable.

In accordance to the requirement of 40 CFR 403.8(f)(2)(vi), it was determined that all SIUs within the District are not required to develop a slug discharge control plan. Additionally, the efforts taken by the District to evaluate all nondomestic users for the need to develop a slug discharge control plan has led to the conclusion that currently, to best of the District’s knowledge, there are no nondomestic users that are they required to develop a slug discharge control plan.

Respectfully,

J. D. Anderson

J. D. Anderson
General Manager

3. Slug Definition and Applicability

To ensure that slug discharge control plans are developed where applicable, the District examined the technical definition of a slug in order to determine the basis and relevant search criteria for the evaluation process. Initially, this was a crucial step in identifying which factors constitutes a slug and which appropriate industries should be evaluated. According to 40 CFR 403.8(f)(2)(vi), a Slug Discharge is the following:

“Any Discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch Discharge, which has a reasonable potential to cause Interference or Pass Through, or in any other way violate the POTW’s regulations local limits or Permit conditions.”

By examining this definition, the District determined that slugs can result from, but are not limited to, accidental spills, the handling and transferring of materials, discharge from the malfunctioning of flow controls, an abrupt volume discharge, and other various factors. With this understanding, the District developed a search criteria that included, but is not limited to, the following:

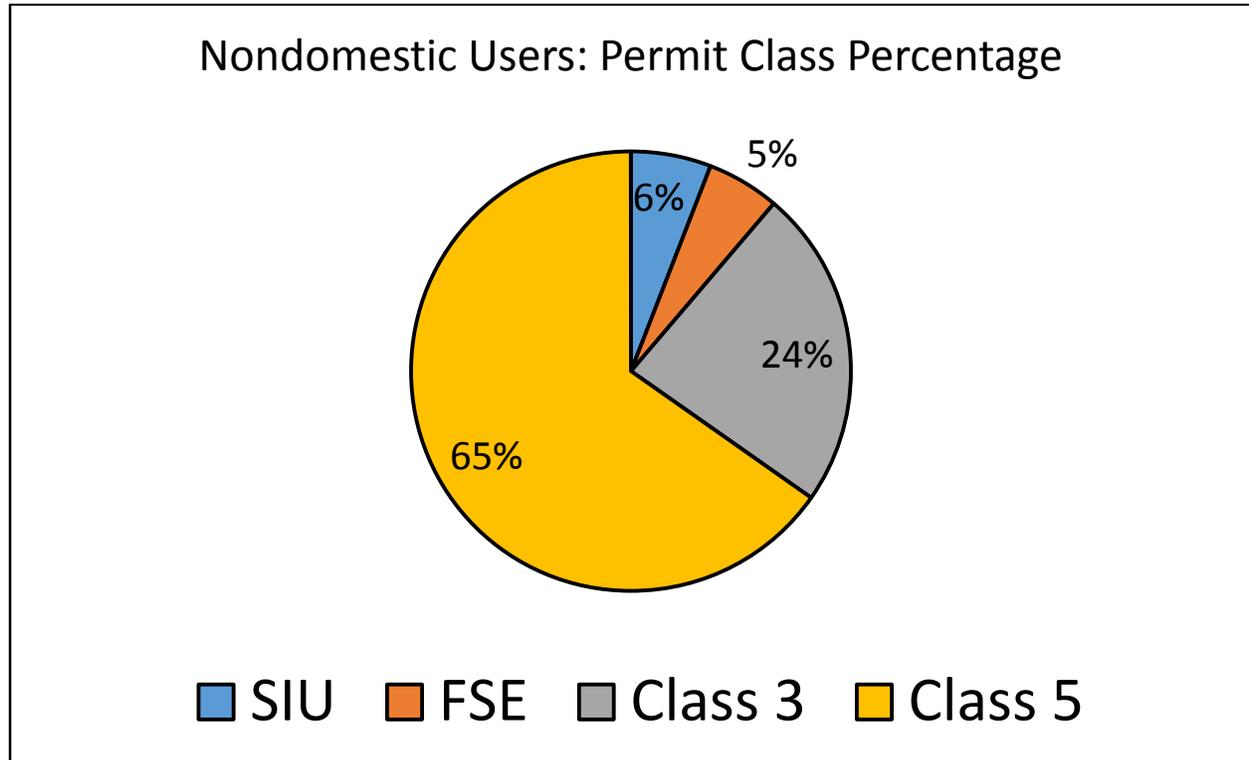
- Users with bulk amounts of chemicals on their property
- Holding tanks with a volume to potentially cause an adverse effect to the POTW
- Whether drains are present within storage areas
- If chemicals are contained and the type of chemicals stored
- How are materials handled
- Flow controls

This search criteria for evaluation enabled the District to accurately determine which nondomestic users to evaluate for the potentially to need a slug discharge control plan.

4. Statistical Data

According to the 2016 List of Permit Holders (Attachment A), there is a total of 187 confirmed nondomestic users operating within the District. This list was a product of a mass inspection on local industries conducted since the establishment of the Pretreatment Program. Of the 187 nondomestic users, sixty-five percent of them are identified as a Class 5 User. The District’s Pretreatment Program identifies Class 5 Users as nondomestic users with no industrial type discharge. These Class 5 Users simply discharge domestic type waste and for the majority, is comprised merely of warehouses and offices. Thus, this sixty-five percent of nondomestic users were eliminated from the search pool due to the inapplicability for a slug. In addition, five percent of the total nondomestic users are classified as a Food Service Establishment (FSE). Past inspections on the FSE Users revealed no potential to cause adverse impacts to the POTW. Oil and grease loadings from FSEs were minimal and a slug of organic loading would be highly unlikely. Twenty-four percent of nondomestic users are registered with a Class 3 status. Of these Class 3 Users, there were Users that matched the search criteria and thus, qualified for a slug evaluation. Information gathered about these facilities during the mass inspection was used to make this determination. Most of the Users from this class were warehouses that engaged in

chemical blending, warehouses that store bulk amounts of chemicals, facilities that have containment structures, and facilities with pretreatment systems. Examples of Class 3 evaluations utilizing the Slug Assessment Form are attached to this report (see Attachment D). Lastly, all SIUs were evaluated for their potential to have slug discharges pursuant to 40 CFR 403.8(f)(2)(vi).



5. Slug Forms and Templates

After determining the search criteria for slug potential, the Pretreatment Program developed new forms that were designed to aid in the evaluation process. The Slug Assessment Form was developed to serve as a questionnaire with pertinent questions relating to the search criteria (see Attachment C: Slug Assessment Form). This form was used to evaluate the Class 3 nondomestic users. In addition, the District developed the Malaga County Water District Slug Discharge Control Plan, a template that would be used for Users who are required to have a plan (see Attachment E: MCWD Slug Discharge Control Plan Template). This template contains the elements that are required in a slug discharge control plan and was developed from the guidance of 40 CFR 403. Such elements include a description of discharge practices, a description of stored chemicals, procedures to immediately notify the POTW of Slug Discharges, and preventative procedures. Lastly, a Written Response Form was created to address the notification process in the event that a Slug Discharge should occur (see Attachment F: Written Response Form). The Written Response Form is a fillable document and would aid Users in the written response portion of the plan. It contains necessary reporting information regarding the deadline of five days to notify the POTW, contact information, slug specifications, and a description of the corrective actions taken.

6. SIU Evaluation

Each SIU was inspected using the inspection checklist of the District's Pretreatment Program. This checklist is the most extensive form that has been developed and is used to satisfy the pretreatment requirement for annual inspections of SIUs. The District has a total of eleven SIUs. All SIUs were determined to not need a slug discharge control plan. The following explanations below, in conjunction with Attachment B, provides more detailed information as to why a slug discharge control plan was not found applicable:

A. SIUs that discharge cooling tower water

1. Air Products and Chemicals, Inc.

The facility is operated by electronic controls and only one on-call employee (plant superintendent) manages the site. There are no drains within the premises and the ground is covered in gravel. The facility discharges cooling tower blowdown and condensation. All chemical holding tanks are enclosed in secondary containment (concrete wall) and there are no drains for spills to enter the sewer. Control set points for cooling tower blowdown are set well within permit limits. Thus, pollutants exceeding permit limit concentrations are highly unlikely to be discharged to the POTW. In addition, plant activity is continuously monitored by their headquarters. The on-call plant superintendent receives a call from headquarters in the event that any potential electronic malfunctions or plant irregularities occur. Alarms will trigger if discharge is not within range of parameter set points and the system will shut down by closing the discharge valves.

2. Rio Bravo

Like other facilities with cooling towers, Rio Bravo operates their cooling towers through electronic controls with set points that are monitored by probes. All chemical holding tanks are in secondary containment. The facility has an oil pit with an oil & water separator. There are drains for the oily wastewater generated from their boilers. These drains are all linked to the oil pit where it proceeds to the oil & water separator and ultimately to the sanitary lift station. The chances of the oil pit overflowing is highly unlikely. The area is continuously maintained and oil waste is hauled offsite by a third party.

3. PPG Industries

Cooling tower blowdown is regulated through an electronic system where a set point for EC and pH regulates the opening and closing of valves for which blowdown occurs. The set point is set so that it is well below their permit limit. The facility is a continuous discharger and volume does not affect the potential for slug loads. Chemicals are stored in a separate area of the facility with no sewer access points.

4. Westrock, CP LLC

The facility is designed such that all drains within the property are tied to one central location, the equalization tank. Should the equalization tank overflow for any reason, the trough located directly below the tank will collect any excess wastewater. This trough is linked to a pump that can recirculate wastewater back into the equalization tank. It is highly unlikely that wastewater levels in the tank will ever reach the top of the tank. Thus, the potential for a slug is highly unlikely. Cooling tower blowdown is the only type of wastewater the District receives. Like other facilities with cooling towers, discharge is controlled electronically through a computerized system. The set points for EC and pH are within permit limits. If the system malfunctions for any reason, an alarm will signal and the valves will remain shut.

B. SIUs that wash trucks

1. Lester Lube dba Fresno Truck Wash

All chemicals and detergents are stored in a separate enclosed room which makes it highly unlikely for a chemical spill to enter nearby drains. The detergent solution is ejected into the pressure washer via exiting pipes. Flow is regulated via a float switch but like all truck washing facilities, the discharger is a continuous discharger. There is no potential for a sudden and abnormal discharge. There is a pretreatment system and the drains within the area recirculate wastewater back into the initial stages of treatment. Manifests are monitored prior to washing.

2. Fifth Wheel Truck Wash

All detergent drums are stored outside of the washing bay and is enclosed in a metal bin. The drums located inside the washing bay are the diluted solutions that they use to wash trucks with. There are no pretreatment systems and no controls to regulate flow. Wash-down wastewater is channeled to a central drain. The SIU discharges continuously and there is no potential for a sudden and abnormal discharge.

3. Speedy Truck Wash

The wash bay has channels that divert wastewater to the pretreatment system. The facility have chemical drums that are stored distant from the washing process. However, if a spill were to take place, it is possible for the chemicals to enter the channels. The discharger is a continuous discharger and a float device in the pretreatment system regulates flow. Chemical drums are less than 55 gallons.

4. Imperial Truck Wash

Chemical drums are no greater than 55 gallons in volume. Drums are stored distant from the washing process. There are no pretreatment systems and flow is not regulated in any manner. All wash-down wastewater is collected in a central trough that is linked to the manhole.

C. Batch Dischargers

1. SFPP LP (Kinder Morgan)

All drains within the pretreatment area and the loading pads are linked to the oil & water separator. The pretreatment area drains is capable of recirculating any excess wastewater to the oil & water separator. The tank to which the wastewater is stored has an alarm system that triggers when the flow level is reaching the maximum capacity of the tank. The signal is received by control room that is in operation 24 hours a day. Should more capacity is needed, there is another tank called the “trans-mix tank” that they can use. A valve is manually turned to release discharge.

2. Sterling Coating (Georgia-Pacific Corrugated III)

The facility has a pretreatment system that is comprised of two 1,600 gallon tanks. Flow is controlled via a float switch. The discharge pipe is located above the final barrel and loops around the ceiling of the building. Chemicals are handled manually and monitoring is manually done with the exception of pH. There are no drains that can lead to the sewer. Spill control and response equipment are available.

3. Stratas Foods

All drains within the packaging area is linked to the oil pit where it is treated prior to discharge. The contents within the oil pit is released when parameters and set points are met. Release of discharge is done via a button on the control panel and discharge cannot release on its own. Recirculation of the oil pit is possible and an alarm triggers when limits are reached.

Attachment A: 2016 List of Permit Holders

Permit #	Account #	Permit Holder	Address	ESU	Class
1001	020	RockTenn CP, LLC	3366 E. Muscat Ave., Fresno, CA 93725	203	1
1005	005	Rio Bravo-Fresno	3350 S. Willow Ave., Fresno, CA 93725	223	1
1008	024	Stratas Foods	3390 S. Chestnut Ave., Fresno, CA 93725	452	1
1025	055/055-1	Kinder Morgan/Santa Fe Pacific Pipeline	4149 S. Maple Ave., Fresno, CA 93725	17	1
1038	008	PPG Industries	3333 S. Peach Ave., Fresno, CA 93725	229	1
1095	046	Lester Lube Inc. dba Fresno Truck Wash	4170 S. Bagley Ave., Fresno, CA 93725	51	1
1098	029-1/033	Speedy Truck Wash	3846 S. Front/3200 E. Central Fresno, CA 93725	9	1
1140	008	Air Products & Chemical Inc.	3333 S. Peach Ave., Fresno, CA 93725	37	1
1205	022-4	Imperial Truck Wash	2635 E. North Ave., Fresno, CA 93725	10	1
1160	122-2	Fifth Wheel Truck Wash	3767 S. Golden State Blvd., Fresno, CA 93725	10	1
1004	004	Custom Ag Formulators	3430 S. Willow Ave., Fresno, CA 93725	3	3
1009	011-2	Monterey Chemical DBA Brandt Consolidated	3654 S. Willow Ave., Fresno, CA 93725	26	3
1018	032	Snowden Enterprises Inc.	3257 E. Central Ave., Fresno, CA 93725	1	3
1020	036	Potigian Transfer Inc.	4041 S. Golden State Blvd., Fresno, CA 93725	3	3
1021	044	Coca-Cola Refreshments/Pace Global Energy	3220 E. Malaga Ave., Fresno, CA 93725	28	3
1022	045	EM Tharp dba Golden State Peterbuilt	2645 S. Chestnut Ave., Fresno, CA 93725	13	3
1026	061	Fresno Truck Center	2727 E. Central Ave., Fresno, CA 93725	26	3
1030	076-1	Wholesale Equipment of Fresno	3183 S. Golden State Blvd., Fresno, CA 93725	6	3
1036	053/054	Robert V. Jensen Inc.	4021 S. Maple Ave., Fresno, CA 93725	18	3
1046	085/087	Meeder Eq.Co/Ransome MFG	3495 S. Maple Ave., Fresno, CA 93725	9	3
1057	111-1	Fresno Pool Chlor Inc.	3036 E. Malaga Ave., Fresno, CA 93725	2	3
1058	112/112-1	Penske Truck Leasing/NICS/Penske	3080 E. Malaga Ave., Fresno, CA 93725	16	3
1060	116	Cap's Sandblasting	4460 S. Chestnut Ave., Fresno, CA 93725	2	3
1061	121	Kroeker Inc.	4627 S. Chestnut Ave., Fresno, CA 93725	15	3
1062	051/052/058	Paul Evert's RV Country	3633 S. Maple Ave., Fresno, CA 93725	26	3
1064	013-A	Brenntag Pacific Inc.-Pacific Inc.	3595 E. Wawona Ave., Fresno, CA 93725	13	3
1067	042-3	Valley Truck Parts	3395 E. Malaga Ave., Fresno, CA 93725	7	3
1073	063-064	J. Blue dba Central Carwash	3864 S. Chestnut Ave., Fresno, CA 93725	12	3
1074	012	Monterey Chemical	3594 E. Wawona Ave., Fresno, CA 93725	23	3
1078	040-1	Greentec	3396 E. Malaga Ave., Fresno, CA 93725	4	3
1081	014-1/2	J.P. Lamborn	3663 E. Wawona Ave., Fresno, CA 93725	15	3
1089	088	Fresno Truck Wrecking Inc.	3536 S. Maple Ave., Fresno, CA 93725	2	3
1090	042-2	G and H Diesel Service	3304 E. Malaga Ave., Fresno, CA 93725	5	3
1094	076-4A	Stantec Consulting Corp.	3281 S. Maple Ave., Fresno, CA 93725	2	3
1100	046-2	Central California Truck	4244 S. Bagley Ave., Fresno, CA 93725	1	3
1101	107	Roger's Truck Sales & Service	4312 S. Chestnut Ave., Fresno, CA 93725	1	3
1102	050	Stiers RV Center	3672 S. Maple Ave., Fresno, CA 93725	3	3
1104	095	Dewey Pest Control	3655 S. Bagley Ave., Fresno, CA 93725	3	3
1106	056	RV Mall	2448 E. Central Ave., Fresno, CA 93725	3	3
1108	119/119-1	Western States Glass	2773/2775 E. Malaga Ave., Fresno, CA 93725	7	3
1111	059	Country Tire & Wheels	2462 E. Central Ave., Fresno, CA 93725	1	3
1112	008-0-A/B	Conway Transportation Services	4195 E. Central Ave., Fresno, CA 93725	11	3
1114	018	Georgia -Pacific Corrugated (Sterling Coating)	3630 E. Wawona Ave. #104, Fresno, CA 93725	13	3
1123	046-1	Vucovich Inc. dba Fresno Equipment Co.	4288 S. Bagley Ave., Fresno, CA 93725	20	3
1124	118	Kasco Fab Inc.	4529 S. Chestnut Ave., Fresno, CA 93725	2	3
1133	041	Best Tours And Travel	3397 E. Malaga Ave., Fresno, CA 93725	8	3
1139	024-3	Brenntag	3305 S. Chestnut Ave., Fresno, CA 93725	3	3
1142	015/016	Monterey Agresources	3744 E. Wawona Ave., #A/C Fresno, CA 93725	8	3
1151	091/091-1	Quinn Rentals Services	3594 S. Bagley Ave., Fresno, CA 93725	3	3
1158	120-1	Fresno Specialized Development	4646 S. Chestnut Ave., Fresno, CA 93725	10	3
1162	047-1	JTS Truck Repair	3054 Cartwright, Fresno, CA 93725	1	3
1169	097-1	Diesel Technology	3689 S. Bagley Ave., Fresno, CA 93725	2	3
1188	011.4A	Oro Agri Inc.	3816 S. Willow #101, Fresno, CA 93725	1	3
1196	120	United Parcel Service	4587 S. Chestnut Ave., Fresno, CA 93725	7	3
1027	062	Kailey Fuels (AM PM)	4025 S. Chestnut Ave., Fresno, CA 93725	7	4
1052	102	Central Food Mart	2990 E. Central Ave., Fresno, CA 93725	21	4
1053	104/105	Brooks Ranch Restaurant	4131 S. Chestnut Ave., Fresno, CA 93725	47	4
1087	103-1	Salud Ayala-Bar	2892 E. Central Ave. Fresno, CA 93725	1	4
1118	030	Primo's Market	3145 E. Olney Street, Fresno, CA 93725	2	4
1132	049.1	Jack In The Box	3085 E. Central Ave., Fresno, CA 93725	8	4
1159	035-2B	Taqueria Jalisciense	3121 E. Central Ave., Fresno, CA 93725	2	4
1161	122	Punjabi Dhaba (indian cuisine)	3767 S. Golden State Blvd., Fresno, CA 93725	9	4
1163	035-2A	Sai Baba/Subway	3115 E. Central Ave., Fresno, CA 93725	8	4
1160	123	SJZ Truck Stop	3767 S. Golden State Blvd., Fresno, CA 93725	5	4
1003	002	Headwater Resources	3440 S. Willow Ave., Fresno, CA 93725	10	5
1006	097	(Goodyear) Wingfoot Commercial Tire Systems Inc.	3708 S. Bagley Ave., Fresno, CA 93725	5	5
1007	007-A-1	Eli Lilly C/O Trammel Crow Co.	3131 S. Willow Ave., Fresno, CA 93725	1	5
1010	007-10A	OE Lighting	3359 E. North, Suite #101 Fresno, CA 93725	1	5

1011	007-15A	Cequent Performance Products	3181 S. Willow Suite #104, Fresno, CA 93725	1	5
1012	022	Inland Star Distribution Center, LLC	3146 S. Chestnut Ave., Fresno, CA 93725	26	5
1013	023/023-1	Crop Production Service Inc.	3173 S. Chestnut Ave., Fresno, CA 93725	4	5
1014	024-2	Derrel's Mini Storage	3245 S. Chestnut Ave., Fresno, CA 93725	4	5
1015	025	Continental Auto Dismantlers (A1 auto wrecking)	3465 S. Chestnut Ave., Fresno, CA 93725	4	5
1016	026	SA Recycling, LLC	3489 S. Chestnut Ave., Fresno, CA 93725	5	5
1017	007-17	New Flyer Industries	3181 S. Willow Suite #102, Fresno, CA 93725	1	5
1019	007-2	American Cartage Co.	3150 S. Willow Ave, Fresno, CA 93725	3	5
1024	007-3	XSE Group	3149 S. Willow Suite #101, Fresno, CA 93725	1	5
1028	065	Central Cal Transport	3032 E. Central Ave., Fresno, CA 93725	5	5
1029	073	Lupe Cedillo/Lupe's Auto Repair	3411 S. Golden State Blvd., Fresno, CA 93725	2	5
1031	076-3	Anyway Logistics Inc.	3021 S. Golden State Blvd., Fresno, CA 93725	1	5
1032	078	Bruno's Use Materials	2373 E. Muscat Ave., Fresno, CA 93725	3	5
1033	084	SS Truck & Trailer Repair	3490 S. Maple Ave., #B, Fresno, CA 93725	1	5
1035	008-A	Europa Sports	4403 E. Central Ave., Fresno, CA 93725	1	5
1037	008-J	APF Motorcycle Salvage	3967 E. Central Ave., Fresno, CA 93725	1	5
1039	076	Bruno's Use Materials	3211 S. Golden State Blvd., Fresno, CA 93725	3	5
1040	080	Meeder Eq.Co/Ransome MFG	2365 E. Muscat Ave., Fresno, CA 93725	4	5
1041	087-3, 089, 090	Safety Kleen Systems, Inc.	3561 S. Maple Ave., Fresno, CA 93725	5	5
1042	094-1	Sportsmobile West	3631 S. Bagley Ave., Fresno, CA 93725	2	5
1043	117	RLR Investments	4477 S. Chestnut Ave., Fresno, CA 93725	7	5
1045	092	Interstate Oil	3609 S. Bagley Ave., Fresno, CA 93725	2	5
1047	094-3	Brothers Wholesale Glass	3680 S. Bagley Ave., Fresno, CA 93725	3	5
1048	096	Javette Truck & Tractor	3667 S. Bagley Ave., #101 Fresno, CA 93725	1	5
1049	097-2	Air Liquide America	3703 S. Bagley Ave., Fresno, CA 93725	1	5
1050	011.4D	AWR	3816 S. Willow Ave., #104 Fresno, CA 93725	1	5
1051	101	Pape Materials Handling/Hyster Sales Co.	3732 S. Bagley Ave., Fresno, CA 93725	5	5
1054	106	Evans Rebuilt Parts	4321 S. Chestnut Ave., Fresno, CA 93725	2	5
1055	011-3-1	Bay Insulation	3878 S. Willow Ave., #103, Fresno, CA 93725	1	5
1056	111-A	Chrisp Co.	3049 E. Malaga Ave., Fresno, CA 93725	2	5
1059	115	Jose's Auto Repair	4436 S. Chestnut Ave., Fresno, CA 93725	2	5
1063	001	Group Warehouse Inc.	3550 S. Willow Ave., Fresno, CA 93725	9	5
1065	098	San Mac Properties (rewind tech)	3711 S. Bagley Ave., Fresno, CA 93725	1	5
1066	011-3-4	MacArthur Company	3878 S. Willow Ave., #102, Fresno, CA 93725	1	5
1068	011-6A	DMI (supply network)	3825 S. Willow Ave., #103, Fresno, CA 93725	1	5
1069	035	Calpine Containers	3191 E. Central Ave., Fresno, CA 93725	5	5
1070	076-5**	Pick-A-Parts Auto Wrecking	2274 E. Muscat Ave., Fresno, CA 93725	22	5
1071	068	Turning Point of Central California	3547 S. Golden State Blvd., Fresno, CA 93725	32	5
1072	067	Fresno Truck Service	3599 S. Golden State Blvd., Fresno, CA 93725	5	5
1075	126	Malaga Elementary School	3910 S. Ward Street, Fresno, CA 93725	40	5
1076	029	Los Dos Amigos	3686 S. Front Street, Fresno, CA 93725	1	5
1077	039A	Ruckstell	3399 E. Malaga Ave., Fresno, CA 93725	2	5
1079	099	R. Flake Recycling Inc. (J's Comm and Valley Rubber)	3733 S. Bagley Ave., Fresno, CA 93725	2	5
1080	007-16A	Tire Centers LLC	3181 S. Willow Suite #101, Fresno, CA 93725	1	5
1082	017	Monterey Chemical	3744 E. Wawona Ave., #B, Fresno, CA 93725	1	5
1083	019	Pacific Grain & Foods	3630 E. Wawona Ave. #101, Fresno, CA 93725	1	5
1084	047	Baart Healthcare	3103 E. Cartwright Ave., Fresno, CA 93725	6	5
1085	114	Big Bear Phantom Fireworks	2777 E. Malaga Ave., Fresno, CA 93725	1	5
1086	037	Garcia's Pallets Inc.	4227 S. Golden State Blvd., Fresno, CA 93725	4	5
1091	024-4	B.P. Precision	3385 S. Chestnut Ave., Fresno, CA 93725	4	5
1092	026-1	Cemex	3427 S. Chestnut Ave., Fresno, CA 93725	2	5
1093	027-1	Christ The King Church	3565 S. Calvin Street, Fresno, CA 93725	1	5
1096	027-2	Martha Shubin (advanced raingutters)	3439 S. Chestnut Ave., Fresno, CA 93725	1	5
1097	032-3-A	Human Scale	3371 E. Central Ave., Fresno, CA 93725	2	5
1103	003/003-1/019	GAF Materials Corp.	3441 S. Willow Ave., Fresno, CA 93725	18	5
1107	006	Weyerhaeuser Corp.	3267 S. Willow Ave., Fresno, CA 93725	4	5
1109	110-1	EMV Inc.	3035 E. Malaga Ave., Fresno, CA 93725	4	5
1110	008-G/008-H	Broder Brothers	4247 S. Minnewawa Ave. #104 Fresno, CA 93725	20	5
1113	108	G.I. Trucking Co.	4355 S. Chestnut Ave., Fresno, CA 93725	6	5
1115	060	Westco Equities/Flamingo Mobilehome	2581 E. Central Ave., Fresno, CA 93725	71	5
1116	060-1	Cal Trans-Dept of Trans	Highway 99 and Malaga Ave.	5	5
1119	101-0	Applied Industrial Tech	3751 S. Bagley Ave., Fresno, CA 93725	4	5
1120	011-1-A/C	Bunzl Processor Fresno	3722 S. Willow Ave. #106, Fresno, CA 93725	2	5
1121	007-1	American Warehouse Co. Inc.	3150 S. Willow Ave., Fresno, CA 93725	7	5
1122	086	Jorge Mendez/J auto glass?/Jose diesel repair?	3486 S. Maple Ave., Fresno, CA 93725	3	5
1126	011-3-3	Integrated Supply Network	3878 S. Willow Ave., #101 Fresno, CA 93725	1	5
1127	084-1	Weldon Bash	3419 S. Maple Ave., Fresno, CA 93725	1	5
1130	085-1	Montes Auto Glass	3435 S. Maple Ave., Fresno, CA 93725	1	5
1131	044-1	All Mechanical Service Inc.	3237 E. Malaga Ave., Fresno, CA 93725	1	5

1134	087-2	Frontier Performance Lubricants	3517 S. Maple Ave., Fresno, CA 93725	1	5
1136	101-1	Big W Sales	3766 S. Bagley Ave., Fresno, CA 93725	1	5
1137	010-1A	Primesource Building Products	3555 S. Willow Ave., Fresno, CA 93725	2	5
1138	010-0	RockTenn	3695 S. Willow Ave., Fresno, CA 93725	1	5
1141	024-3-A	Universal Coatings	3373 S. Chestnut Ave., Fresno, CA 93725	1	5
1144	007-4A	Dynamex	3421 E. North Suite #104, Fresno, CA 93725	1	5
1147	110	Radically Custom	4414 S. Chestnut Ave., Fresno, CA 93725	1	5
1148	007-5A/6A	Mercury Marine	3421 E. North Suite #103/101, Fresno, CA 93725	2	5
1149	008-E/F	Activision Publishing Inc.	4247 S. Minnewawa Ave., Fresno, CA 93725	8	5
1150	008-C/D	Pactiv LLC	4403 E. Central Ave., #104 Fresno, CA 93725	2	5
1152	011-3-2	Gould's Pump (Xylem Inc)	3878 S. Willow Ave., #104 Fresno, CA 93725	1	5
1154	032-3-B	Community Food Bank	3403 E. Central Ave., Fresno, CA 93725	4	5
1155	007-14-A	Sinclair Systems	3115 S. Willow Ave., Fresno, CA 93725	6	5
1156	022-1/2	American Tire Distributors	3064 S. Chestnut Ave., Fresno, CA 93725	30	5
1157	113	Plaza Concrete	3121 E. Malaga Ave., Fresno, CA 93725	1	5
1164	032-2A	Sabic Polymershapes	3311 E. Central Ave., Fresno, CA 93725	3	5
1166	011-5A	Move Loot (leasing form School Specialty)	3825 S. Willow Ave., #101, Fresno, CA 93725	2	5
1168	007-C	Hanser Music Group	3131 S. Willow Suite #102 Fresno, CA 93725	1	5
1170	011-4A	XPO Logistics (formerly New Breed Logistics)	3825 S. Willow Ave., #104, Fresno, CA 93725	4	5
1173	094-A	Del Ray Tire	3666 S. Bagley Ave., Fresno, CA 93725	2	5
1175	008-I	D and H Distributing	3701 S. Minnewawa Ave., Fresno, CA 93725	9	5
1176	098-1	Foster Poultry Farms	3717 S. Bagley Ave., Fresno, CA 93725	1	5
1177	036-1	Garcia's Pallets	4125 S. Golden State Blvd., Fresno, CA 93725	6	5
1178	007-3-A	Provide Commerce	3149 S. Willow Suite #102, Fresno, CA 93725	10	5
1182	007-11	Rotary Corp.	3359 E. North Suite #102, Fresno, CA 93725	1	5
1183	007-7/8/8A	Bodek & Rhodes	3395 E. North Ave, Fresno, CA 93725	11	5
1185	008-00	Weston Hathaway	4025 E. Central Ave., Fresno, CA 93725	1	5
1186	011.4C	Ring & Pinion Services	3816 S. Willow #103, Fresno, CA 93725	1	5
1190	028	William Shubin	3698 S. Chestnut Ave., Fresno, CA 93725	1	5
1191	035-1-A	Cossette Investments Co. Inc.	4025 S. Golden State Blvd., Fresno, CA 93725	1	5
1192	070	GGC Enterprises (Golddiggers)	3507 S. Golden State Blvd., Fresno, CA 93725	8	5
1197	076-2	Willowland (ayala truck parts)	3147 S. Golden State Blvd., Fresno, CA 93725	1	5
1198	092-1	Leap Truck Body Repair	3620 S. Bagley Ave., Fresno, CA 93725	1	5
1202	007-12	KAO USA Inc.	3359 E. North Suite #104, Fresno, CA 93725	1	5
1203	007-13-A/B	Metropolitan Automotive Warehouse Inc.	3117/3119 S. Willow Ave. Fresno, CA 93725	2	5
1206	093	(Circle Racing Wheels) Mike & Sherrie Stallings	3632 S. Bagley Ave., Fresno, CA 93725	5	5
1207	094-1A	MS Fire Protection Inc.	3644 S. Bagley Avenue, Fresno CA 93725	8	5
1187	011.4B	Kent Landberg (Landberg Orora)	3816 S. Willow #102, Fresno, CA 93725	1	5
1048	096-A	Hose and Fittings Etc.	3667 S. Bagley Ave., #102 Fresno, CA 93725	1	5
1212	130	godinez auto body parts	3386 S. Maple Ave., Fresno CA 93725	1	5
1131	044-1-A	all pure pool service	3237 E. Malaga Ave., Fresno, CA 93725	1	5
1208	124	js trailer repair	3741 S. Goldenstate Blvd., Fresno CA 93725	1	5
1209	069-1	Fresno Foreign Wrecking	3525 S. Golden State Blvd., Fresno CA 93725	1	5
1002	006-2	Bimbo Bakeries USA, Inc.	3292 S. Willow Ave., Fresno CA 93725	6	5
1213	094-2	Fence Factory Inc.	3694 S. Bagley Ave., Fresno CA 93725	1	5
1064	024-3	JB Hunt Transport Inc.	3305 S. Chestnut Ave., Fresno, CA 93725	3	5
1214	008-1A	Pepsi Beverages Company	3668 E. Central Ave. Fresno, CA 93725	3	5
1204	022-3	malaga power	2611 E. North Ave., Fresno, CA 93725	1	5
1215	008-1B	Sears Holdings Management Corp	3688 E. Central Ave. Fresno, CA 93725	3	5

Significant Industrial User
Class 3
FSE
Class 5

Attachment B: SIU Inspection Checklist



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 11/04/2015

Time: 14:00

INDUSTRIAL USER PROFILE

Industry Name: Air Products & Chemicals Inc.

SIC No.: 2813

Categorical No.: — NA

Address: 3333 S. Peach Avenue

Telephone: _____

Permit No. and Class: #1140, Class 1

APN: 331-020-037

Contact: Oscar Abundes

Title: Plant Superintendent

Email: _____

Phone: 559-237-5509

Description of business activity: Industrial Air separation; supply PPG with air

Number of employees: 1 Days and hours of operation: Operating 24/7; Oscar is on-call 24/7

SAFETY

Does facility require employee PPE? Y N

PPE List: hearing protection, hard hats, safety goggles, steel-toed boots

Are safe operating practices evident? Y N

Security/Safety access requirements: check-in w/guard at front gate of PPG.
Air Products is gated and locked

BACKFLOW PREVENTOR

Present: Y N ^{receive H₂O through PPG} Water meter size: same as PPG's

Certified: Y NA N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 3"

Discharge wastewater flow rate: depends on evaporation rate; discharge 20,000 average daily
≈ 44 gal/min blowdown

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency: Report monthly flow - Scot Covert emails

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 0 # Showers: 0 # Toilets: 0 # Floor Drains: 0

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N
(Please attach applicable diagrams)

Description of processes generating wastewater: cooling tower blowdown & condensation

Type of wastewater pretreatment system: NA

*pH control
biodide, acid
automatic injection*

- | | | |
|----------------------------------------------------|---------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input checked="" type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input type="checkbox"/> Flotation | <input type="checkbox"/> Other: _____ |

Is source water pretreated with softeners? Y N

Type system used: NA

Are detergents or additives in use? Y N

Types of detergents or additives: broadie / inhibitor ; about 1 gallon/day

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: Third party (GE Betz) checks chemicals onsite; check EC, pH,

Is it possible for wastewater to bypass the treatment system? NA Y N

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: NA, no pretreatment. Routine check-up on probes, meters

Type of discharge: Continuous Batch Blowdown is intermittent but continuous on daily basis

Is batch wastewater sampled and tested prior to discharge? Y N

everything is monitored online via computer automated system
How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: Computer controlled; opens/closes valve via probe set point

Does pretreatment system have on-line monitoring? Y N EC { 820 - valve open, 810 - valve close

Explain: cooling tower measured for pH, EC, Oxidative Reduction Potential

Does system have alarms? high low pH alarm! Y N

Alarm response procedures: headquarters in Houston (operation control center) monitor 24/7 and informs Oscar, automatic shut valve

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N Had an incident with high EC where headquarters allowed high EC blowdown to discharge; still within daily average limits

Is slug discharge plan required? Y N Everything is computer controlled

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N No storm drains; facility premises is covered in gravel

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: Flume Southeast corner of bleach holding tank.
see attached photo.

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: Daily basis - depending on
blowdown (intermittent)

Parameters Monitored	Frequency Monitored	Sample Type
2/yr - pH, BOD, TSS	2/year	grab
EC, lead		
iron, copper		
flow	monthly	metered

Parameters monitored on-line? Y N Explain: EC, pH, ORP

Monitoring records available? Y N Location: they can get it through IP21 system

Reports submitted? Y N Explain: monthly flow

Name of laboratory performing analyses: BC Lab.

they use lab reports to verify pH probes calibration process

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N
Sulfuric acid, bleach, water treatment chemicals

Material in secondary containment? Y N
all tanks are in concrete berms

Discharge points from secondary containment? Y N
gravel layout

MSDS Posted: Y N
They have online database

SPILL CONTROL and RESPONSE:

Written plan?

Y N

Posted? Y

N

They have a shelf spec of binders: SDS, plan

Employees trained?

Y N

Explain: Have a checklist for monthly inspection

Is spill containment equipment available?

Y

N

Can spills enter sewer drains?

Y

N

Are potential spills hazardous to collection system/WWTF?

Y

N

no drains

WASTE

Does facility generate hazardous waste?

Y

N

Describe process producing waste: NA

Characterization of waste: NA

Proper segregation of waste materials? NA

Y

N

Waste material in secondary containment? NA

Y

N

Describe: NA

Waste manifests available? NA

Y

N

COMPLIANCE SUMMARY

Does permit require modification: Y N

Explain: include sampling point location description on new permit

Are additional pretreatment processes required? Y N

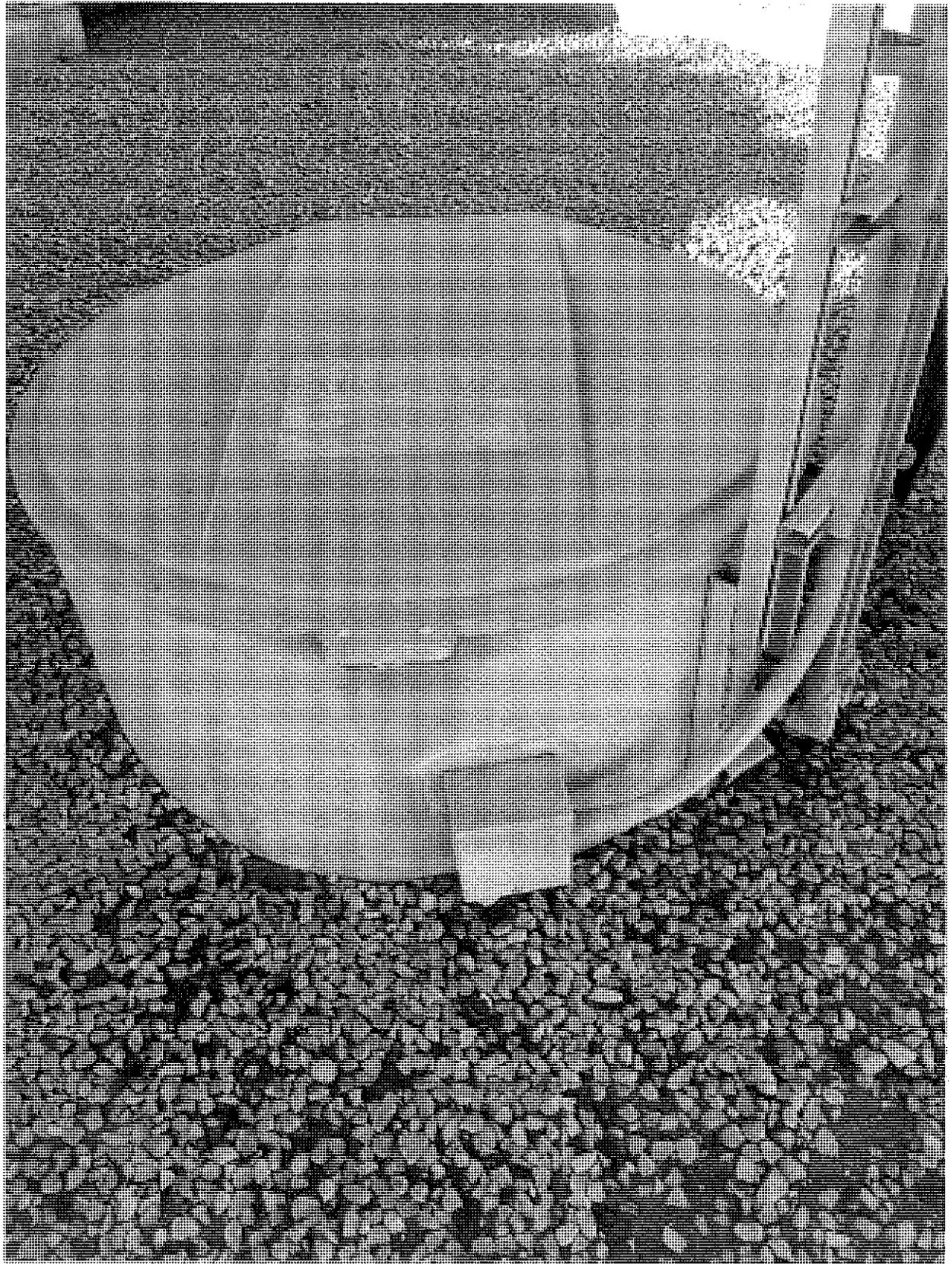
Explain: _____

POST INSPECTION REPORT

Follow-up inspection: No

Inspector: Thomas Siphongson Date: 11/4/15

Attended By: Oscar Abundes Date: 11/4/15
Scot Govert





Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 6-10-15

Time: 2:00 pm

INDUSTRIAL USER PROFILE

Industry Name: Fifth Wheel

SIC No.: NA

Categorical No.: NA

Address: 3767 S. Goldenstate Blvd.

Telephone: 559-485-0701

Permit No. and Class: 1160, Class 1

APN: NA

Contact: Anantpal Singh

Title: Manager

Email: —

Phone: 1-661-201-4782

Description of business activity: Commercial Truck Wash

Number of employees: 3 Days and hours of operation: ≈ 10 hrs/day, 4 days a week

SAFETY

Does facility require employee PPE? Y N

PPE List: Rubber gloves, boots, jumpsuit

Are safe operating practices evident? Y N

Security/Safety access requirements: None

BACKFLOW PREVENTOR

Present: Y N Water meter size: _____

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 4" ← District Information (ties into manhole)

Discharge wastewater flow rate: NA

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency: NA

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: — # Showers: — # Toilets: — # Floor Drains: 1 trough to central drain

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N
(Please attach applicable diagrams)

Description of processes generating wastewater: The wash big trucks using detergent solution and a pressure washer.

Type of wastewater pretreatment system: None

- | | | |
|------------------------------------------------|---------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input checked="" type="checkbox"/> Filtration | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input type="checkbox"/> Flotation | <input type="checkbox"/> Other: _____ |

They say the — have a filter for solids/rags that get cleaned manually every ≈ 6 months

Is source water pretreated with softeners? Y N

Type system used: _____

Are detergents or additives in use? Y N

Types of detergents or additives: Acid (see attachment); they use chrome brighteners

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: They ~~have~~ use a 1 gallon scoop of detergent for every 55 gallon drum

Is it possible for wastewater to bypass the treatment system? *NA* Y N
No treatment system

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: NA

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: NA, continuous discharge

Does pretreatment system have on-line monitoring? Y N

Explain: _____

Does system have alarms? Y N

Alarm response procedures: _____

Can person conducting tour explain the treatment process? Y *NA* N

*- Tour conductor was simply a worker
- no treatment*

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

the store chemicals outside washing bay

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

There are 2 storm drains, we explained to them that they cannot allow discharge to enter storm drain

SAMPLING and MONITORING

Sample type: NA Grab Composite Time Based Flow Proportional

Sampling point location description: The manhole to the east of the truck wash bay, along the road next to the gas station, in front of the restaurant
(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: Random days, when there is steady truck activity

Parameters Monitored	Frequency Monitored	Sample Type
<u>None</u>		

Facility does not monitor

Parameters monitored on-line? Y N Explain: NA

Monitoring records available? Y N Location: NA

Reports submitted? Y N Explain: NA

Name of laboratory performing analyses: NA

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N

Material in secondary containment? Y N

Discharge points from secondary containment? Y N

MSDS Posted: Y N

Chemicals have labels, see attachment down

- Detergent is stored outside in a metal bin - no drains

Low Potential for spill

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: NA, no potential for slug/spill

Is spill containment equipment available? *NA* Y N

Can spills enter sewer drains? *Detergent located outside* Y N

Are potential spills hazardous to collection system/WWTF? Y N *low potential for spill, but if somehow a spill was to occur then potentially hazardous*

WASTE

Does facility generate hazardous waste? *NA* Y N

Describe process producing waste: _____

Characterization of waste: _____

Proper segregation of waste materials? *NA* Y N

Waste material in secondary containment? *NA* Y N

Describe: _____

Waste manifests available? *NA* Y N

Facility does not generate waste

COMPLIANCE SUMMARY

Does permit require modification: NA Y N

Explain: Will need to look at MSDS of detergent, implement BMPs, conduct local limits study

Are additional pretreatment processes required? NA Y N

Explain: Same explanation above

POST INSPECTION REPORT

Will need to talk to manager in Baker's field to obtain MSDS.

Follow-up inspection: _____

Inspector: Thomas Siphonysan

Date: 6-10-15

Attended By: 5th wheel workers
Aarav (Intern/interpreter)

Date: 6-10-15

CHEM-VIAK

INC.

INDUSTRIAL AND COMMERCIAL CLEANING CHEMICALS

JO-303

WARNING DANGER!

Reacts violently with strong alkali. Causes severe burns to skin and eyes. Contact with eyes, skin, and clothing. Do not take internally. Avoid breathing vapor or mist. Wear goggles and protective clothing. Add slowly to liquids to avoid splattering. Keep container closed; use with adequate ventilation. In case of contact, immediately flush skin or eyes with water for at least 15 minutes; for eyes, seek medical attention immediately. Flush spillage with water. Dispose of in accordance with local, state and federal regulations.

CONTAINS HYDROFLUORIC ACID

Can cause severe burns which may not be immediately painful or visible. When handling, wear a face shield, rubber gloves, and rubber apron. In case of contact, immediately flush skin with plenty of water for at least 15 minutes.

UN2922, Corrosive liquid, Toxic, N.O.S. (Hydrofluoric Acid and Sulfuric Acid),
8.15.1, PGL, ERG #154

55 GAL

KEEP OUT OF REACH
OF CHILDREN

FOR INDUSTRIAL
USE ONLY

ACID

California State Contract
100-100000-000000
California, CA 94000



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 04/01/2015

Time: 10:00 am

INDUSTRIAL USER PROFILE

Industry Name: Georgia-Pacific (Sterling Coating Rollstock)

SIC No.: 2621

Categorical No.: NA

Address: 3630 E. Wawona #104

Telephone: 559-485-4900

Permit No. and Class: 1114, Class 3

Fax: 404-232-4513

Contact: Kenneth D. Moore

Title: General Manager

Email: kdmoores@gapac.com

Phone: 559-485-4900

Description of business activity: Corrugated roll coating facility

Number of employees: 5 Days and hours of operation: 7am - 3:30 pm ; 5 days/week

SAFETY

Does facility require employee PPE? Y N

PPE List: Steel toed, hearing protection, vest, eye protection

Are safe operating practices evident? Y N

Security/Safety access requirements: front door entrance

BACKFLOW PREVENTOR

Present: Y N ^{3 backflows} Water meter size: NA

Certified: Y N Water meter operational: Y N

FLOW DATA:

Discharge wastewater flow rate: NA - float switch

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency: quarterly

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 3 # Showers: 0 # Toilets: 2 # Floor Drains: 1 sewer
^{2 eyewash stations} ^{1 sump for pretreatment}

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N ^{None handy, but will obtain via email}
(Please attach applicable diagrams)

Description of processes generating wastewater: flocculation and settling of solids for removal

Type of wastewater pretreatment system:

- Absorption
- Gravity Separation
- Oil Water Separator
- Adsorption
- Ion Exchange
- Grit Separator
- Clarification
- Membrane Processes
- Coagulation
- Neutralization
- Coalescing
- Oxidation/Reduction
- Filtration
- Precipitation
- Flocculation
- Distillation
- Flotation
- Other: _____

Is source water pretreated with softeners? Y N

Type system used: NA

Are detergents or additives in use? Y N

Types of detergents or additives: floculant

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: 2 team members are trained; Beckart Environmental Inc conduct quarterly training/inspection

Is it possible for wastewater to bypass the treatment system? Y N

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: MP2 system; workers are beginning to train, Beckart quarterly inspections

Type of discharge: Continuous Batch never over 2,000 gallons, discharge ≈ twice/ per month

Is batch wastewater sampled and tested prior to discharge? Y N

How is batch discharge controlled? float switch, flow metered

Does pretreatment system have on-line monitoring? Y N

Explain: pH monitoring on control panels along the back wall.
 • EC done ~~manually~~ manually

Does system have alarms? Y N

Alarm response procedures: they control operations manually
 • EC ~~more~~ less than 4000
 • 7,000 permit limit for EC

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N
 no storm drains within vicinity

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: Drum/barrel containing the supernatant located next to filter press. Pipe with flow meter just above leads to sewer.
 (Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: When process is discharging ; twice/month

Parameters Monitored	Frequency Monitored	Sample Type
pH	continuously	online monitoring system
EC	quarterly	(4) grab
BOD	quarterly	(4) grab
TSS	quarterly	(4) grab
metals, oil & grease ammonia as N	quarterly	(4) grab

& Jar test periodically

Parameters monitored on-line? Y N Explain: pH control panel

Monitoring records available? Y N Location: they have an Environmental file (Red code wastewater)

Reports submitted? Y N Explain: quarterly basis

Name of laboratory performing analyses: BSK

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N
waste oil

Material in secondary containment? Y N on top of pallet

Discharge points from secondary containment? Y N

MSDS Posted: Y N

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: they have documentation for training

Is spill containment equipment available? Y N

Can spills enter sewer drains? Y N

Are potential spills hazardous to collection system/WWTF? Y N

WASTE

Does facility generate hazardous waste? Y N

Describe process producing waste: "cat litter" absorbant w/waste oil

Characterization of waste: they have a list of waste streams

Proper segregation of waste materials? Y N

Waste material in secondary containment? Y N

Describe: they haul waste off

Waste manifests available? Y N

COMPLIANCE SUMMARY

Does permit require modification: Y ^{NA} N

Explain: District will determine if required, need further coordination to develop permit

Are additional pretreatment processes required? Y ^{NA} N

Explain: The ~~only~~^{main} problem is high EC, ^{will be determined} until more knowledge

POST INSPECTION REPORT

Jim - Georgia Pacific can continue to operate under 12/29/11 permit

Jim - Georgia Pacific is in complete compliance

Follow-up inspection: No, just permit development

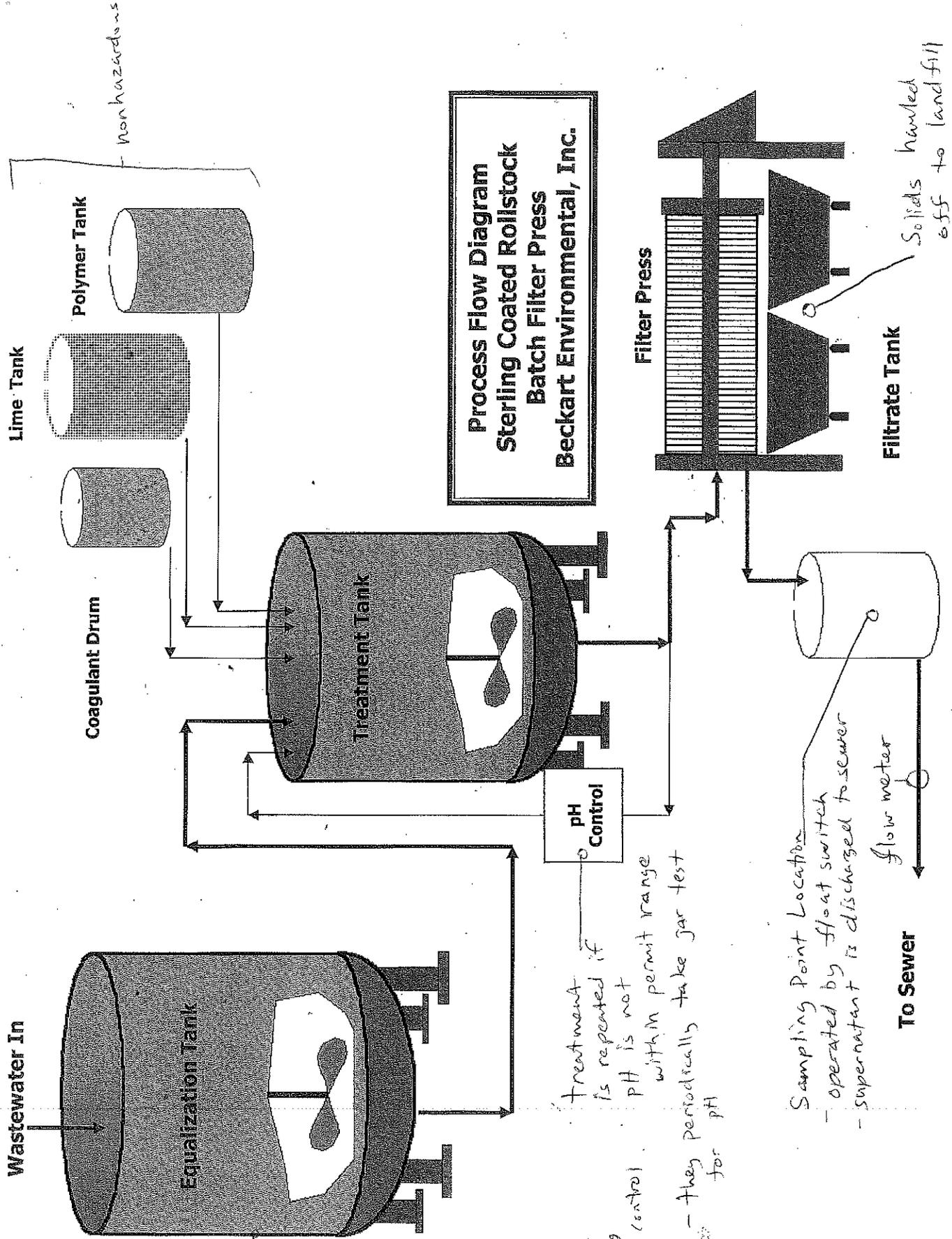
Inspector: Thomas Siphongsay

Date: 04-01-2015

Attended By: Kenneth Moore

Date: _____

Gregory Thomas
Jim Anderson
Sandy



- there is a pH monitoring system on a control panel along the wall

- they periodically take jar test for pH

- treatment is repeated if pH is not within permit range

Sampling Point Location - operated by float switch - supernatant is discharged to sewer



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 6-11-15

Time: 2:15 pm

INDUSTRIAL USER PROFILE

Industry Name: Imperial Truck Wash & Repair

SIC No.: NA

Categorical No.: NA

Address: 2635 E. North Ave

Telephone: 559-442-8500

Permit No. and Class: 1205, Class 1

APN: NA

Contact: Inderjit Singh

Title: general manager

Email: singhtruckservices@gmail.com

Phone: cell: 209-872-4117

Description of business activity: Commercial Truck Wash & Repair

Number of employees: 4 @ truck wash
 Days and hours of operation: M-F 9:00-7:00 ; Sat 9:00-3:00
5 @ repair

SAFETY

Does facility require employee PPE?
 Y
 N

PPE List: Rubber gloves, boots, jumpsuit

Are safe operating practices evident?
 Y
 N

Is source water pretreated with softeners? Y N

Type system used: _____

Are detergents or additives in use? Y N

Types of detergents or additives: USDA degreaser, acids (see attachments)

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: They use 1 gallon liquid detergent for every 55 gallon drum of water transfer chemicals manually

Is it possible for wastewater to bypass the treatment system? *NA* Y N
all wastewater exists from central drain to manhole

Does IU implement work orders for maintenance of pretreatment equipment? *NA* Y N

Explain: NA no pretreatment

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: NA

Does pretreatment system have on-line monitoring? Y N

Explain: NA

Does system have alarms? Y N

Alarm response procedures: NA

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

no storm drains around

We should have them relocate their detergent drums so that it is outside work bay

SAMPLING and MONITORING

Sample type: NA Grab Composite Time Based Flow Proportional

Sampling point location description: The only sample point known thus far is the manhole located just north of the washing bay

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: During ~~busy~~ steady truck washing activity - random days, unknown

Parameters Monitored	Frequency Monitored	Sample Type
<u>None</u>		

Parameters monitored on-line? Y N Explain: _____

Monitoring records available? Y N Location: _____

Reports submitted? Y N Explain: _____

Name of laboratory performing analyses: NA

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N

Material in secondary containment? Y N

The store detergent inside wash bay, in drums

Discharge points from secondary containment? Y N

May need to have from relocate detergent outside

MSDS Posted: Y N

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: He said workers know how to handle detergent. No official records

Is spill containment equipment available? Y N

Can spills enter sewer drains? Y N

Are potential spills hazardous to collection system/WWTF? Y N

WASTE

Does facility generate hazardous waste? Y N

Describe process producing waste: NA

Characterization of waste: NA

Proper segregation of waste materials? ~~Y~~ N

Waste material in secondary containment? ~~Y~~ N

Describe: NA

Waste manifests available? NA Y N

Oil from Repair Shop gets hauled off by Asbury Env. (AES)

COMPLIANCE SUMMARY

Does permit require modification: Y N

Explain: _____

Are additional pretreatment processes required? Y N

Explain: must research EC reduction options

POST INSPECTION REPORT

Follow-up inspection: Not at the moment / EC research

Inspector: Thomas Siphonary Date: 6-11-15

Attended By: Jinderjit S. Date: 6-11-15

Continental

Chemical Co.

General Service • Lubricants • Industrial • Agricultural

INDUSTRIAL
LUBRICANTS
AGRICULTURAL
GENERAL SERVICE

POWER OFF DEGREASER

U.S.D.A. APPROVED

Recommended for:

For use as a cleaning compound in meat, poultry processing, dairies, food processors.

Directions for use:

Before using, food products and packing materials must be thoroughly rinsed with clean water. Surfaces must be thoroughly rinsed with potable water.

Depending on the nature of the soil, concentrations of 1 or 2 cc. per gallon of water are recommended. Application instructions for your specific cleaning needs will be provided by your Continental Chemical Representative.

CONTAINER DISPOSAL

Empty containers may be recycled through proper disposal procedures. Rinse empty cans, bottles, and drums. Do not mix, pour, or use in or near the container. Do not reuse container for any purpose unless specifically cleaned or reconditioned.

NOTICE

All information concerning this product is based upon data obtained from the manufacturer's analytical and practical experience. However, the manufacturer's guarantee is limited to the accuracy of the information furnished. It is the user's responsibility to determine the safety, toxicity and stability of the product. The manufacturer is not responsible for any damage or injury resulting from the use of this product. The user should consult the manufacturer's literature for complete information.

Use in all types of food processing and handling. Wear protective clothing and use proper ventilation. Do not use in areas where food is prepared. Do not use in areas where food is stored. Do not use in areas where food is served. Do not use in areas where food is consumed. Do not use in areas where food is prepared, stored, or served. Do not use in areas where food is consumed.

SAFETY PRECAUTIONS

Keep away from heat, sparks, and flames. Do not mix with other cleaning agents. Do not use in areas where food is prepared, stored, or served. Do not use in areas where food is consumed. Do not use in areas where food is prepared, stored, or served. Do not use in areas where food is consumed.

CONTINENTAL CHEMICAL CO.

NET 55 GAL.

THE SUPER SHEEN

FOR THE FIRST TIME IN THE HISTORY OF THE WORLD
A SUPER SHEEN HAS BEEN DISCOVERED
WHICH IS THE ONLY ONE THAT CAN BE USED
ON ALL TYPES OF SURFACES
AND WHICH WILL NOT DISCOLOR OR
DAMAGE THE SURFACE
WHICH IT IS APPLIED TO
IT IS THE ONLY ONE THAT
WILL NOT DISCOLOR OR
DAMAGE THE SURFACE
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Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 6-18-2015

Time: 10:00 am

INDUSTRIAL USER PROFILE

Industry Name: Lester Lube dba Fresno Truck Wash

SIC No.: NA

Categorical No.: NA

Address: 4170 S. Bagley Ave.

Telephone: 559-233-4849

Permit No. and Class: 1095, class 1

APN: 331-090-050

Contact: Sammy Bulgara

Title: Production Manager

Email: —

Phone: 233-4849

Description of business activity: Commercial truck wash

Number of employees: ~25 Days and hours of operation: M-F 6:00-8:00 pm; Sat 8:00-4:00 pm

SAFETY

Does facility require employee PPE? Y N

PPE List: Rubber gloves, boots, jumpsuit

Are safe operating practices evident? Y N

Security/Safety access requirements: NA

BACKFLOW PREVENTOR

Present: Y N Water meter size:

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 8" ← our information

Discharge wastewater flow rate:

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency:

they have a totalizer and flow meter but it was not working at the time.

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: # Showers: # Toilets: 2 # Floor Drains: 2

(each bay has trough & joint leads to a central drain)

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N *he said he can provide it*

Description of processes generating wastewater: Big trucks are washed down using a pressure washer. They wash with detergents, degreasers, acids.

Type of wastewater pretreatment system:

They have a filter press not yet in operation

- | | | |
|--------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input checked="" type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input checked="" type="checkbox"/> Ion Exchange | <input checked="" type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input checked="" type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input checked="" type="checkbox"/> Filtration <i>Carbon</i> | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input type="checkbox"/> Flotation | <input type="checkbox"/> Other: <u> </u> |

Is source water pretreated with softeners? Y N

Type system used: _____

Are detergents or additives in use? Y N

Types of detergents or additives: USDA degreaser, acids, corrosives, aluminum brighteners
orange bucket - alum. brightener

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: Supervisors are in charge of chemicals

Is it possible for wastewater to bypass the treatment system? Y N

* There are drains that recirculate water to pretreatment area if bypass should occur

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: twice a day they would check to see if pretreatment is functioning properly.

Type of discharge: Continuous Batch
float device

Is batch wastewater sampled and tested prior to discharge? Y N

NA

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: NA

Does pretreatment system have on-line monitoring? Y N

Explain: There is a pH control panel near the bio tanks

Does system have alarms? Y N

Alarm response procedures: bell rings if bio tank overfills (two 2,800 gallon tanks)

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

SAMPLING and MONITORING

They do not submit reports, but they say they occasionally monitor discharge and have records available

Sample type: None Grab Composite Time Based Flow Proportional

Sampling point location description: There is a 3-chambered pit, the west chamber is the sample point.

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: When truck washing activity is steady, random days

Parameters Monitored	Frequency Monitored	Sample Type
pH	online-monitoring	

Parameters monitored on-line? Y N Explain: pH

Monitoring records available? Y N Location: they claim to keep records

Reports submitted? Y N Explain: _____

Name of laboratory performing analyses: BSK

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N *acids/detergents*

Material in secondary containment? Y N *drums are stored in separate room*

Discharge points from secondary containment? Y N *There were drains in the storage room that were clogged, they do not know where it leads to*

MSDS Posted: Y N *They keep MSDS files and post some for specific detergents - Told them cover it*

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N NA

Employees trained? Y N Explain: No need for spill training, low potential for spill

Is spill containment equipment available? Y N

Can spills enter sewer drains? Y N

Are potential spills hazardous to collection system/WWTF? Y N
If for some reason spill was to occur, they will vacuum spill contained in storage area.

WASTE

Does facility generate hazardous waste? Y N

Describe process producing waste: truck wash wastewater, solids collected from trough

Characterization of waste: they haul off filter cakes

Proper segregation of waste materials? Y N
solids collected from trough goes to bin

Waste material in secondary containment? Y N

Describe: wastewater is contained in pretreatment area, solids collect in bin
filter cakes hauled off.

Waste manifests available? Y N
they keep records of everything

COMPLIANCE SUMMARY

Does permit require modification: NA Y N

Explain: Will need further research, evaluation of chemical MSDS, etc.

Are additional pretreatment processes required? NA Y N

Explain: Not determined at this point in time. More research is needed

POST INSPECTION REPORT

Sammy is planning on leaving Fresno Truck Wash. James Ledesma and Mike Verdor will take charge. They are currently being trained by Sammy to operate and understand pretreatment process.

Requested MSDS & schematics diagram from James. Create them BMPs and EC sampling project results. They are considering using polymer emulsion in future

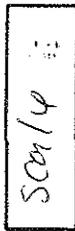
Follow-up inspection: yes possibly to discuss EC target

Inspector: Thomas Siphongsay Date: 6/18/2015

Attended By: Sammy Balgara Date: 6/18/2015
Aaron (intern)

BAGLEY AVE

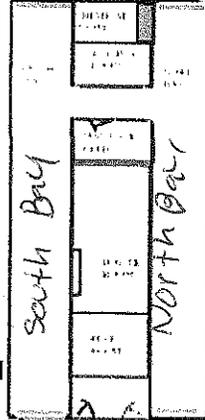
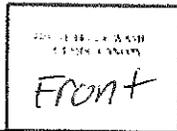
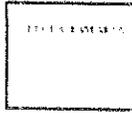
TRUCK DRYING AREA



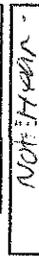
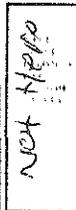
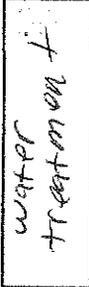
TRAILER WASH-OUT



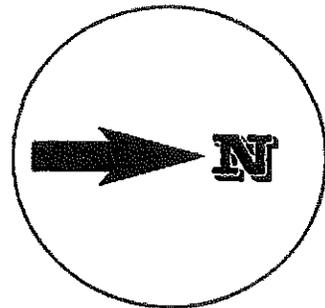
Detail Steam



Parking



NO LONGER HERE



GROUND FLOOR

- MAIN NATURAL GAS SHUT OFF
- MAIN ELECTRICAL
- MAIN WATER SHUT OFF
- WATER HYDRANT
- MAIN ENTRY ROLL UP DOORS
- STAIRS TO THE UPPER OFFICE FLOOR
- ROADWAY ON PROPERTY
- Public road
- PARKING LOT

OCCUPANT: FRESNO TRUCK WASH
 ADDRESS: 4170 S. BAGLEY AVE.
 FRESNO, CA 93725
 STRUCTURE: STEEL SCALE
 20 FEET



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 10/30/2015

Time: 10:00 am

INDUSTRIAL USER PROFILE

Industry Name: PPG Industries

SIC No.: 3211

Categorical No.: NA

Address: 3333 S. Peach

Telephone: 559-485-4660

Permit No. and Class: #1038, Class 1

APN: 331-020-275

Contact: Wendy Garcia

Title: Environmental Manager

Email: wgarcia@ppg.com

Phone: 559-493-3204

Description of business activity: Manufacture flat glass using float glass process

Number of employees: ~~140~~ ¹⁴⁰ Days and hours of operation: 24 hrs / 7 days a week

SAFETY

Does facility require employee PPE?
 Y
 N

PPE List: goggles, steel toed boots, hearing protection & hard hats in certain areas

Are safe operating practices evident?
 Y
 N

Security/Safety access requirements: Go through security at front gate

BACKFLOW PREVENTOR

Present: Y N Water meter size: 8"

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 8"

Discharge wastewater flow rate: Continuous varies: 1 million to 2 mil a month

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency: Monthly

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 24 # Showers: only emergency showers # Toilets: 24 # Floor Drains: 12 in bathrooms basement on-site retention pond -- drains to front pit

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? there was a drawing on a white board w/ general schematics of furnace Y N
(Please attach applicable diagrams) have a site map

Description of processes generating wastewater: Cooling tower blowdown, sanitary sewage

Type of wastewater pretreatment system: None

- | | | |
|-----------------------------------------|---------------------------------------------|----------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input type="checkbox"/> Flotation | <input type="checkbox"/> Other: _____ |

Is source water pretreated with softeners? Y N

Type system used: When closed loop cooling water pressure is low, softener-water is used - "mill use water"

Are detergents or additives in use? Y N

Types of detergents or additives: biocide, anti-scalant, ChemTreat tests and add to cooling water.

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: ChemTreat services cooling tower water on weekly basis

Is it possible for wastewater to bypass the treatment system? Y NA N
No treatment system for cooling tower

Does IU implement work orders for maintenance of pretreatment equipment? Y NA N

Explain: No pretreatment; furnace is being rebuilt (every 15 yrs) in January

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: NA. Continuous ~~fit~~ discharge is monitored for EC & pH.

Does pretreatment system have on-line monitoring? Y N

Explain: Cooling tower is monitored for pH & EC

Does system have alarms? Y N

Alarm response procedures: The EC set point is set at 950 μ hos/cm in control room

Can person conducting tour explain the treatment process? Y N

Wendy is fairly new to PPG. She knew facility layout and ~~most~~ processes. ^{no treatment}

Operation difficulties during the last year? Y N

In March & August of 2014, furnace ~~leak~~ ^{cooling H₂O} was discharged to pond \rightarrow Water Management plan (storm)
(with processed H₂O)

Is slug discharge plan required? Y N

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: The manhole directly linked to the series of large cooling towers and prior to connecting to the domestic waste.

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: Any time of the day. They continuously discharge and they are a 24/7 operation.

Parameters Monitored	Frequency Monitored	Sample Type
EC	continuously monitored	metered via probes
pH	continuously monitored	metered via probes
flow	daily	metered
TSS, BOD	2/year	grab

Parameters monitored on-line? Y N Explain: controls monitor cooling tower for EC, pH, flow

Monitoring records available? Y N Location: weekly readings of EC manually record

Reports submitted? Y N Explain: Report monthly flow; recently been submit reports late

Name of laboratory performing analyses: BC

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N

Used oil / bags of house dust, dust collectors

Material in secondary containment? Y N

oil drums, 2nd contained, dust bags in rolling bins

Discharge points from secondary containment? Y N

MSDS Posted: Y N

She had it readily available (binders)

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N *had it readily available (binders)*

Employees trained? Y N Explain: annual training

Is spill containment equipment available? Y N

Spill response kits near storage areas
Can spills enter sewer drains? Y N

Are potential spills hazardous to collection system/WWTF? Y N
They have a NaOH tank for air pollution control system. It is in 2nd containment - not connected to sewer

WASTE

Does facility generate hazardous waste? Y N
Used oil, filters (dust), bags of house dust
Describe process producing waste: equipment process waste ex. oil

Characterization of waste: used oil, dust filters, bags of house dust (selenium dust)

Proper segregation of waste materials? Y N

Waste material in secondary containment? Y N

Describe: drums, roll-off bins, certified haz. waste transporter (Clean Harbors)

Waste manifests available? Y N



Sampling Point Location 001:

The manhole directly linked to the series of existing towers and prior to connecting to the domestic waste pipeline.



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 10/19/2015

Time: 10:00 am

INDUSTRIAL USER PROFILE

Industry Name: Rio Bravo

SIC No.: 4911

Categorical No.: NA

Address: 3350 S. Willow Ave

Telephone: 559-264-4575

Permit No. and Class: 005, Class 1

APN: 331-072-16S

Contact: Bill Henson

Title: O&M Manager / Compliance

Email: bhenson@rbfresno.com

Phone: (559) 264-4575 x15

Description of business activity: Generate electricity using biomass (power plant)

Number of employees: 29 Days and hours of operation: 24 hrs / 7 days week

SAFETY

Does facility require employee PPE?
 Y
 N

PPE List: hard hat, safety glasses, steel toe boots, hearing protection

Are safe operating practices evident?
 Y
 N

Security/Safety access requirements: None
See receptionist first (Julie)

BACKFLOW PREVENTOR

Present: Y N Water meter size: 8"
Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 8"
Discharge wastewater flow rate: continuous
Discharge wastewater metered? Y N
Does IU report flow data? Y N
Frequency: Monthly

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 8 # Showers: 4 # Toilets: 3 ^{2 urinals} # Floor Drains: 8 → oil/water separator

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram?
(Please attach applicable diagrams) Y N

Description of processes generating wastewater: sanitary waste, cooling tower
blowdown, oil/water separator effluent

Type of wastewater pretreatment system:

- | | | |
|-----------------------------------------|---------------------------------------------|------------------------------------------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input checked="" type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input type="checkbox"/> Flotation | <input type="checkbox"/> Other: <u>Reverse Osmosis</u>
<u>for boilers</u> |

Is source water pretreated with softeners? Y N

Type system used: _____

Are detergents or additives in use? Y N

Types of detergents or additives: corrosion prevention additives, phosphates, bromine injection @ night (solar evap) purposes

bromine tablet - kills algae

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: Operators are trained to handle if injectors malfunction

Is it possible for wastewater to bypass the treatment system? Y N

Boiler islands have drains that lead to oil pit; estimated ~200 gallons

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: They inspect twice a day

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N *cooling tower blowdown monitored*

NA

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: NA, not batch

Does pretreatment system have on-line monitoring? Y N

Explain: no on-line monitoring for oil pit wastewater

Does system have alarms? Y N

Alarm response procedures: They have personnel to handle

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

All drains lead to oil pit, cooling tower monitored automatic

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: 001 - Control room sink w/ pipe labeled cooling tower; 002 - manhole along street (mixed w/ domestic)

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? ⁰⁰¹ Y N

When can representative samples be obtained? Explain: Anytime, they are a continuous discharger 24/7

Parameters Monitored	Frequency Monitored	Sample Type
pH EC	continuous	— NA
	continuous	— NA
pH EC	Semi-annually	grab
	Semi-annually	grab

online monitoring
permit requirements

Parameters monitored on-line? Y N Explain: cooling tower pH, EC monitored via probes

Monitoring records available? Y N Location: Bill has it in computer

Reports submitted? Y N Explain: Monthly flow, semi-annual pH

Name of laboratory performing analyses: BSK, BC EC, etc

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N

Anhydrous ammonia,
Material in secondary containment? Y N

Discharge points from secondary containment? Y N

MSDS Posted: Y N

diesel tank fill station contained w/ concrete (secondary) wall

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: every month

Is spill containment equipment available? Y N

Can spills enter sewer drains? Y N

boiler island drains → pretreatment system oil

Are potential spills hazardous to collection system/WWTF? Y N
Small amount of oil/water

sanitary oil pit → lift station ↓ Malaga collection

WASTE

Does facility generate hazardous waste? oily wastewater solids Y N

Describe process producing waste: oil/H₂O from boiler island to oil pit

Characterization of waste: oily wastewater, oily solids → from oil pit

Proper segregation of waste materials? Y N

Waste material in secondary containment? Y N

Describe: oil pit is underground sump ~~with~~ linked to sanitary lift station

Waste manifests available? NA, they say they haul off Y N

COMPLIANCE SUMMARY

Does permit require modification: Y N

Explain: permit sampling point location (2 locations)

Are additional pretreatment processes required? Y N

Explain: _____

POST INSPECTION REPORT

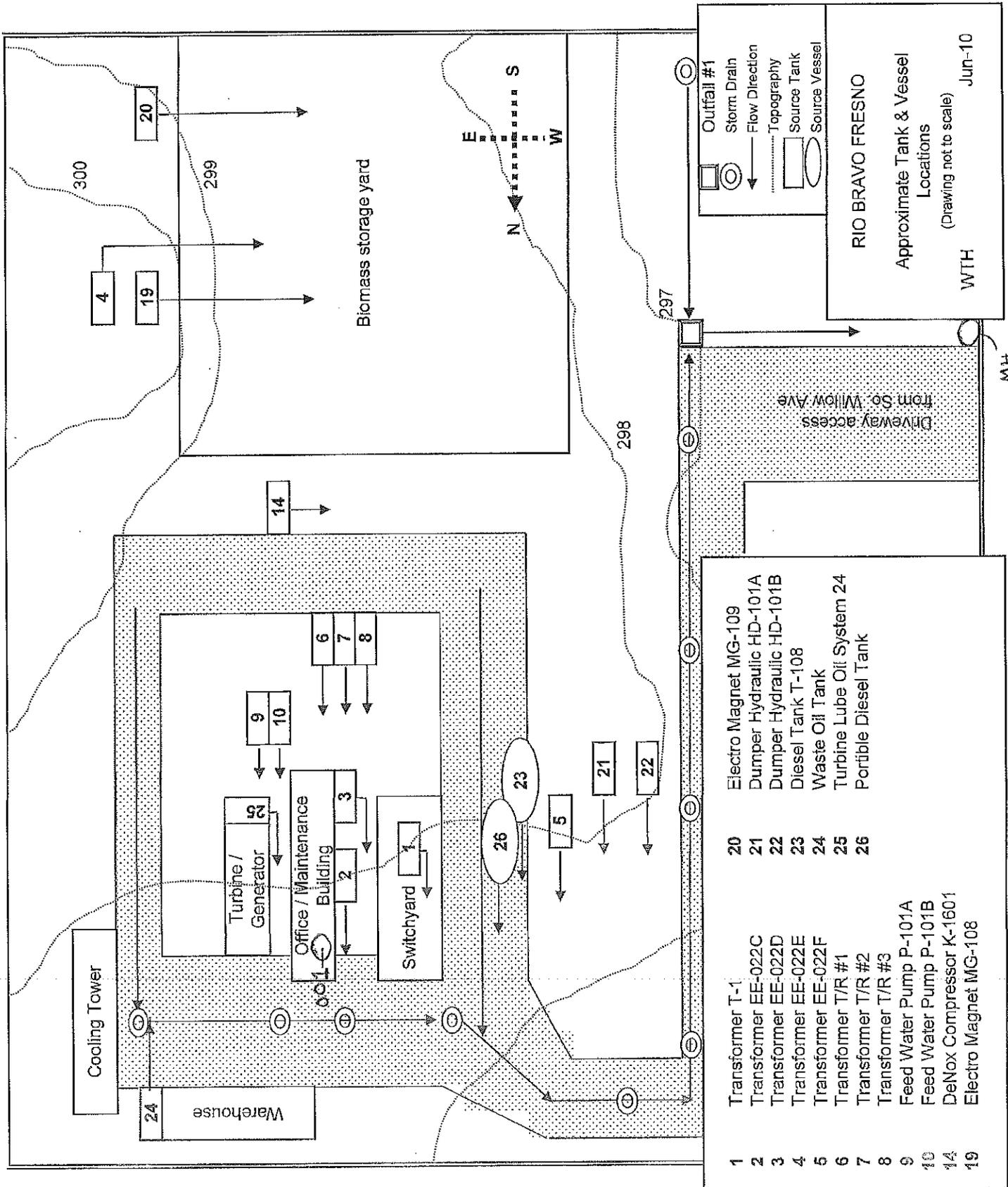
Follow-up inspection: No

Inspector: Thomas Siphonogay
Caed Clark

Date: 10/19/2015

Attended By: Bill Henson

Date: 10/14/2015

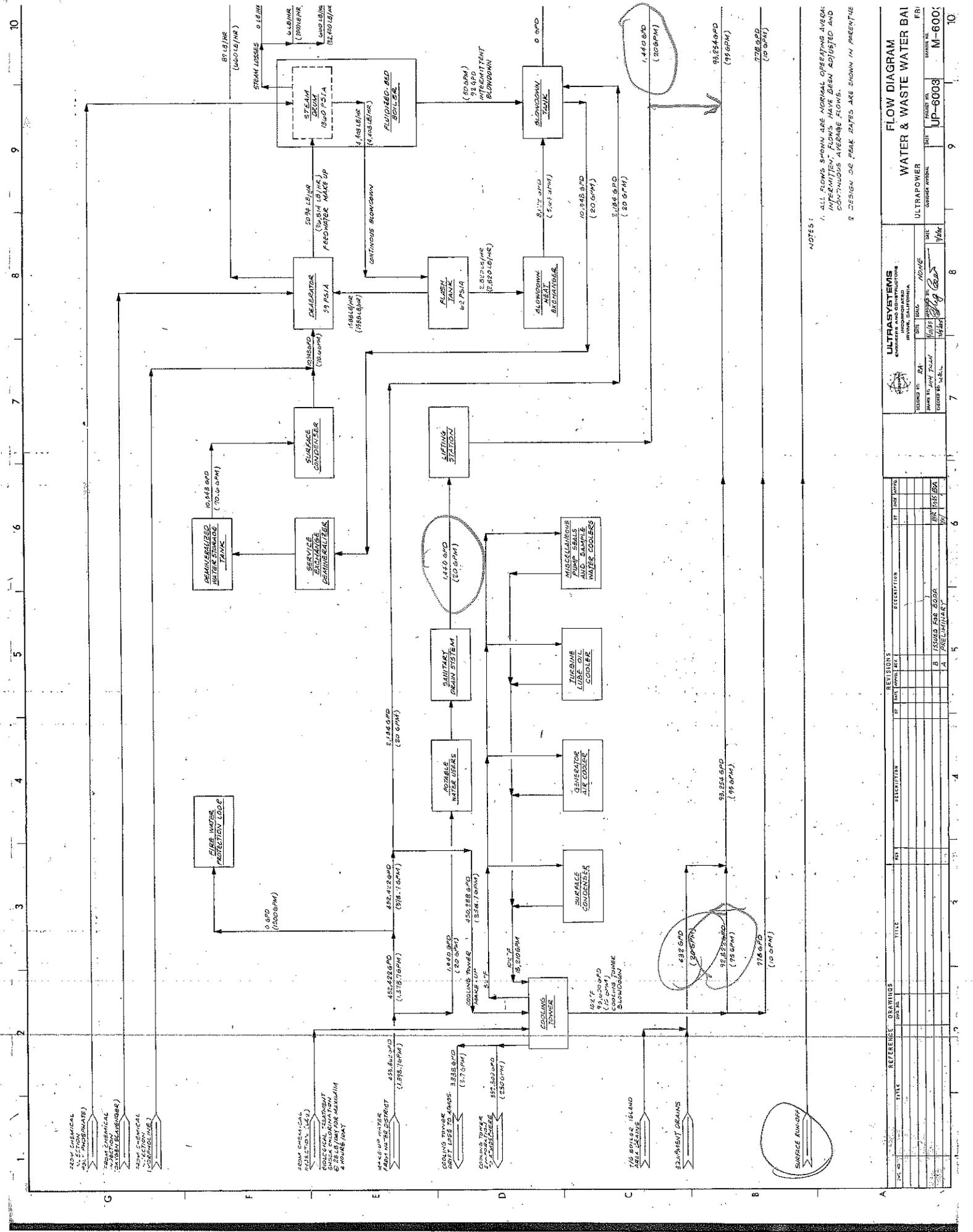


- 1 Transformer T-1
- 2 Transformer EE-022C
- 3 Transformer EE-022D
- 4 Transformer EE-022E
- 5 Transformer EE-022F
- 6 Transformer T/R #1
- 7 Transformer T/R #2
- 8 Transformer T/R #3
- 9 Feed Water Pump P-101A
- 10 Feed Water Pump P-101B
- 14 DeNox Compressor K-1601
- 19 Electro Magnet MG-108
- 20 Electro Magnet MG-109
- 21 Dumper Hydraulic HD-101A
- 22 Dumper Hydraulic HD-101B
- 23 Diesel Tank T-108
- 24 Waste Oil Tank
- 25 Turbine Lube Oil System 24
- 26 Portable Diesel Tank

RIO BRAVO FRESNO
 Approximate Tank & Vessel
 Locations
 (Drawing not to scale)
 WTH
 Jun-10

MH
 (002)







Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 11/2/2015

Time: 2:00 pm

INDUSTRIAL USER PROFILE

Industry Name: SFPP LP (Kinder Morgan)

SIC No.: 4226

Categorical No.: —

Address: 4149 S. Maple Ave

Telephone: 559-493-2975

Permit No. and Class: #1025, Class 1

APN: 330-031-59.5

Contact: Mike McWhorter

Title: Area Manager

Julianne - Environ. Representative

Email: McWhorterM@kindermorgan.com Phone: 559-647-7749

Description of business activity: Petroleum distribution & storage center

Number of employees: 13 Days and hours of operation: 24/7

SAFETY

Does facility require employee PPE? Y N

PPE List: task specific PPE, safety glasses, steel toed boots, vests in traffic areas

Are safe operating practices evident? Y N

Speak via intercom

Security/Safety access requirements: Enter through front gate, sign-in at control room

BACKFLOW PREVENTOR

Present: Y N

Water meter size: 3"

Certified: Y N

Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 4"

Discharge wastewater flow rate: Controlled via valve, manually; batch discharge varies

Discharge wastewater metered? Y N *calibrated annually*

Does IU report flow data? Y N

Frequency: per batch discharge; send monthly reports (memorandum) for no discharge.

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: ~4 # Showers: 2 *emergency* # Toilets: 3 # Floor Drains: 0

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N
(Please attach applicable diagrams)

Description of processes generating wastewater: Wash down from the load racks, use biodegradable soap to wash any ^{petroleum} spills.

Type of wastewater pretreatment system:

Absorption

Adsorption

Clarification

Neutralization

Filtration

Distillation

Gravity Separation

Ion Exchange

Membrane Processes

Coalescing

Precipitation

Flotation

Oil Water Separator

Grit Separator

Coagulation

Oxidation/Reduction

Flocculation

Other: GAC filters

maintenance not scheduled last time was 3 yrs ago

pH adjuster if needed

sock filters 25 microns (physical filtering)

They just replaced them 10/26/15

Is source water pretreated with softeners? Y N

Type system used: NA

Are detergents or additives in use? Y N

Types of detergents or additives: biodegradable soaps, "Attack" "Zep" "Sunrise Supplies"
SDS are on online database for all ~~for~~ water main facilities

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: Use a sprayer/hose, brush loading docks - more of a safety concern

Is it possible for wastewater to bypass the treatment system? Y N

All piping is linked to oil/water separator. Drains from holding tank area is recirculated back to oil/H₂O sep

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: Julianne (Env. Rep) oversees GAC filters maintenance

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N
tested as being discharged (full test requirements) EC and pH is tested prior

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: Manually via valve labeled "sample port"

Does pretreatment system have on-line monitoring? Y N

Explain: monitor gal/min and pH prior to charcoal; control room receives alarm if levels are high automate shut off

Does system have alarms? Y N

Alarm response procedures: scada system in control room; high level alarm

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Holdings tanks are contained 2nd, they have a "trans-mix tank" for extra storage
Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: A valve labeled "sample port" located on the northside of carbon filters.

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: They are a batch discharger, only time is when tank has accumulated enough wastewater.

Parameters Monitored	Frequency Monitored	Sample Type
pH	prior to discharge	control panel (on-line)
EC	prior to discharge	grab
flow		control panel (on-line)

Parameters monitored on-line? Y N Explain: flow, pH

Monitoring records available? Y N Location: they send info to Julianne (Env. Rep)

Reports submitted? Y N Explain: Julianne sends report after discharge

Name of laboratory performing analyses: BSK

HAZARDOUS MATERIAL STORAGE

Fresno County Hazardous Materials Business Plan: Y N
Refined petroleum products

Material in secondary containment? Y N
they have spcc plan

Discharge points from secondary containment? Y N

MSDS Posted: Y N

SPILL CONTROL and RESPONSE:

Written plan?

Y N

Posted?

Y N *online database*

Employees trained?

Y N

Explain: annual training, Julianne is in charge of haz. waste storage training

Is spill containment equipment available?

Y N

boom, absorbents, maintenance response trailer

Can spills enter sewer drains?

Y N

no sewer drains - only sinks/bathrooms and pretreatment system

Are potential spills hazardous to collection system/WWTF?

Y N

WASTE

Does facility generate hazardous waste?

Y N

considered big generator of haz. waste (tanks of refined petroleum)
Describe process producing waste: _____

Characterization of waste: absorbent pads, small clean up, non-haz filters

Proper segregation of waste materials?

Y N

Waste material in secondary containment?

Y N

Describe: contained in drums

Waste manifests available?

Y N

*Mesa Environmental
clean tank*

COMPLIANCE SUMMARY

Does permit require modification: Y N

Explain: include sampling point location

Are additional pretreatment processes required? Y N

Explain: not at the moment

POST INSPECTION REPORT

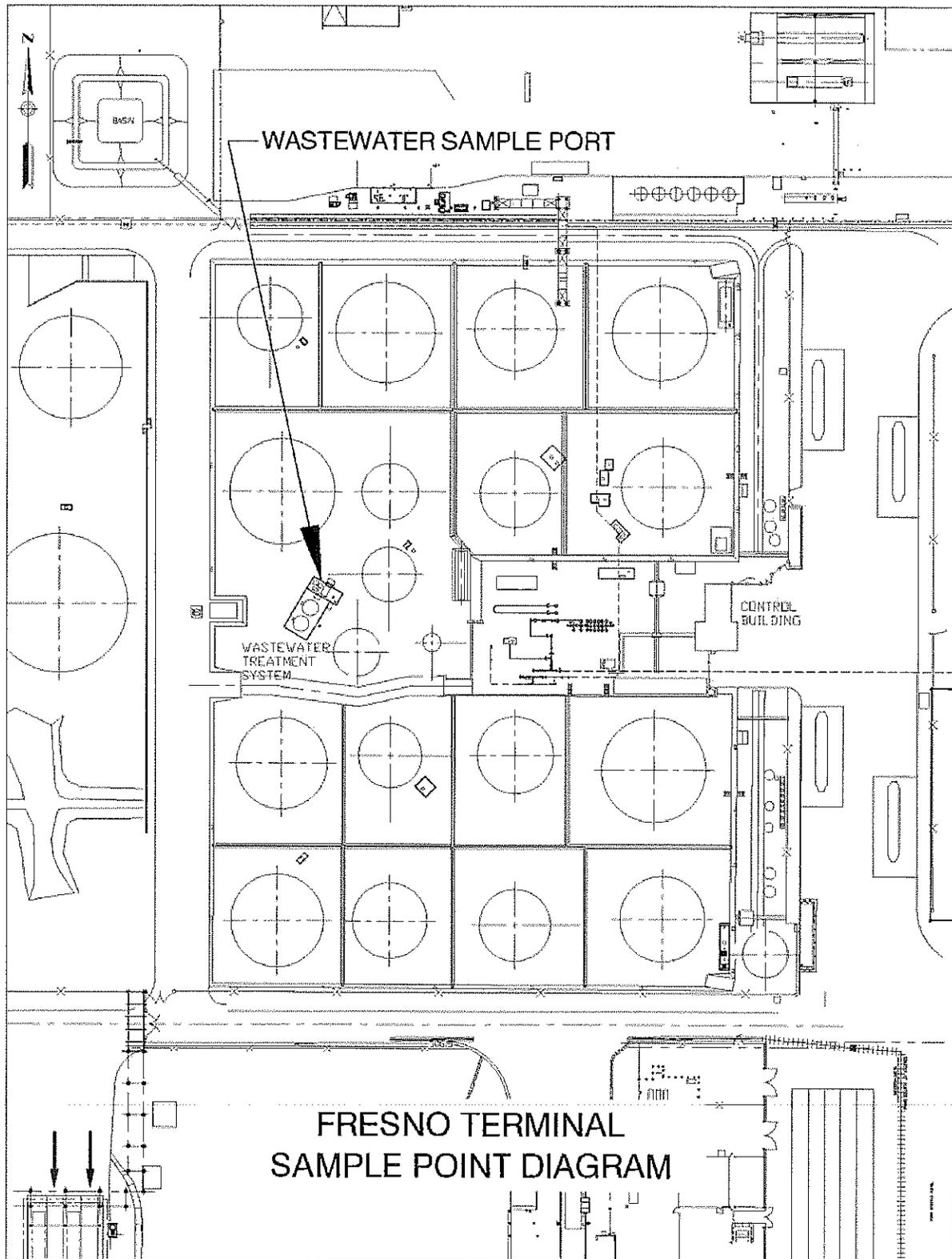
Follow-up inspection: No

Inspector: Thomas Siplongsay

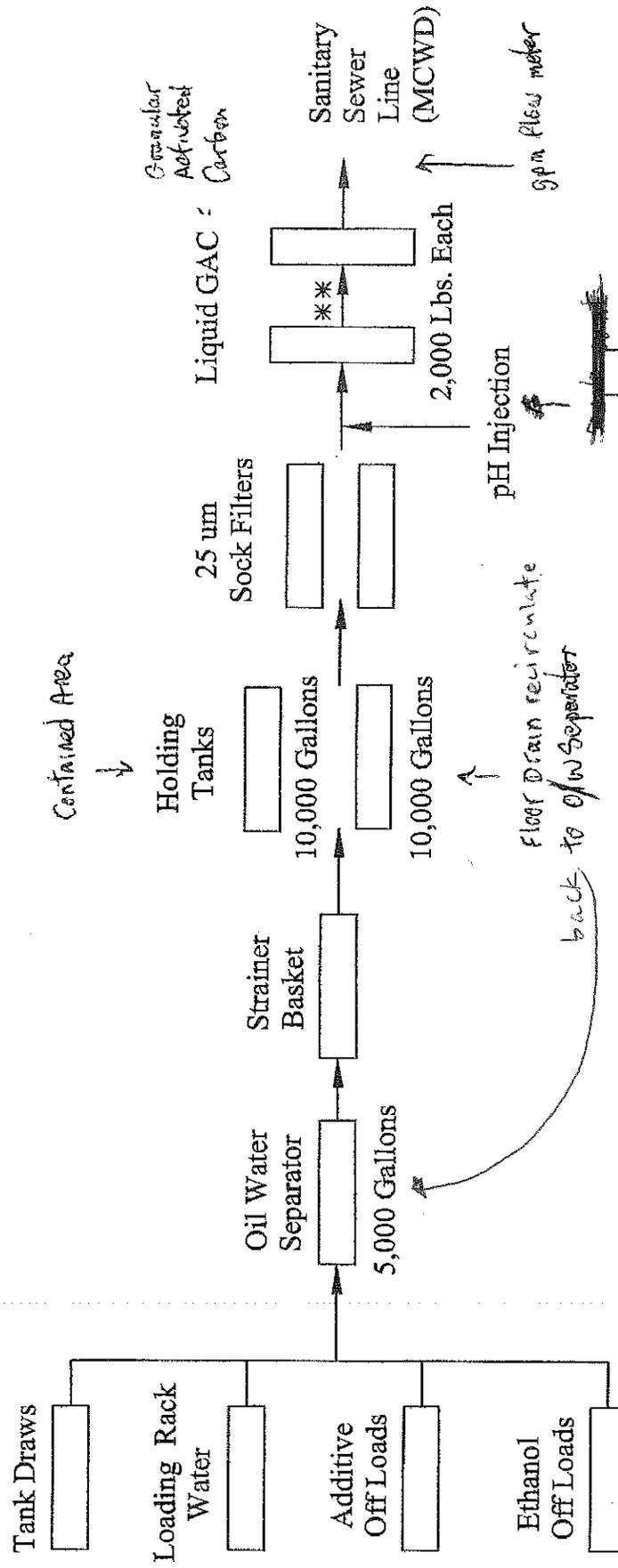
Date: 11/02/2015

Attended By: Michael McWhorter
Ed Rebersdorf

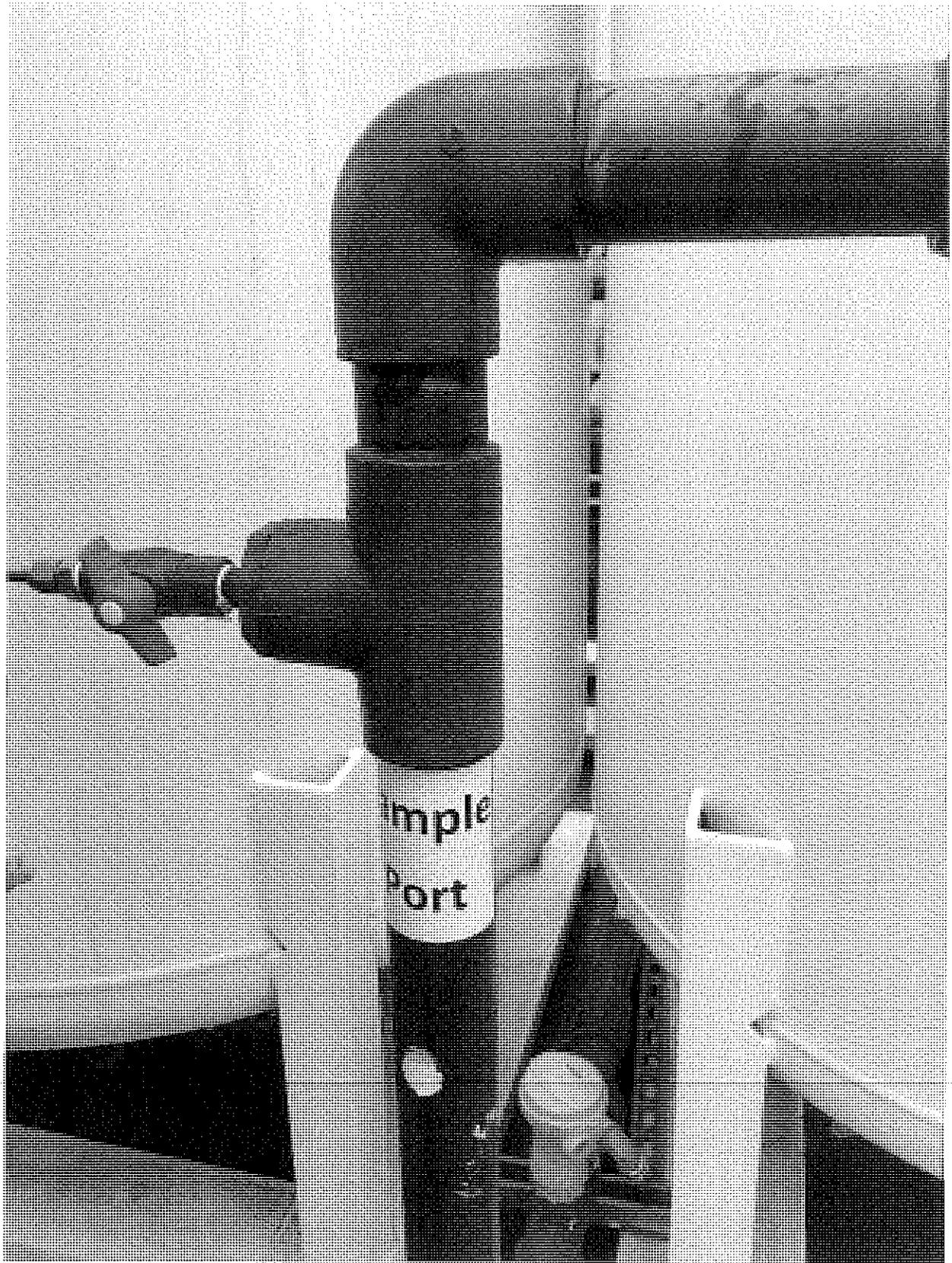
Date: 11/02/2015



FRESNO TERMINAL WASTEWATER MANAGEMENT SYSTEM *



* Subject to Tiered Permitting - Conditional Authorization
 ** Liquid GAC to Operate In Series Mode





Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 6-10-15

Time: 2:50

INDUSTRIAL USER PROFILE

Industry Name: Speedy Truck Wash

SIC No.: —

Categorical No.: —

Address: 3846 S. Front Ave

Telephone: 559-485-3300

Permit No. and Class: #1098, class 1

APN: 331-130-37

Contact: Sukhdew Gill

Title: Owner

Email: —

Phone: 559-485-3300

Description of business activity: Commercial Truck Wash

Number of employees: ~6 Days and hours of operation: 12 hrs/day, ~6 days/week

SAFETY

Does facility require employee PPE?
 Y
 N

PPE List: rubber boots, gloves, jumpsuit

Are safe operating practices evident?
 Y
 N

Security/Safety access requirements: None

BACKFLOW PREVENTOR

Present: Y N Water meter size: _____

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 6" in manhole ← Distort info

Discharge wastewater flow rate: NA

Discharge wastewater metered? Y N

Does IU report flow data? Y N

Frequency: _____

They have a series of floor channels that divert "all" wash water to the central drain

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: _____ # Showers: _____ # Toilets: _____ # Floor Drains: 1 central drain

Does facility have a pretreatment system? *- trough to filter solids* Y N

- Worker did not know what it was, not sure if it is operational

Does IU have a schematic/process flow diagram? *oil/water separator?* Y N
(Please attach applicable diagrams)

Description of processes generating wastewater: They wash trucks. (1.) Soap pressure wash. (2.) Hand apply/scrub hard to reach areas (3.) Rinse with H₂O (4.) Wax

Type of wastewater pretreatment system:

- Absorption
- Adsorption
- Clarification
- Neutralization
- Filtration
- Distillation
- Gravity Separation
- Ion Exchange
- Membrane Processes
- Coalescing
- Precipitation
- Flotation
- Oil Water Separator
- Grit Separator
- Coagulation
- Oxidation/Reduction
- Flocculation
- Other: _____

(trough) they hand clean all solids/rags ~~bed~~ ≈ 3 times/month

Is source water pretreated with softeners? Y N

Type system used: _____

Are detergents or additives in use? Y N

Types of detergents or additives: ^{biodegradable} Zep brand truck wash formula (see attachment) powder detergent

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: They use 2 1/2 gallons of detergent for 55 gallon drums of H₂O

Is it possible for wastewater to bypass the treatment system? Y N

Possibly, if wastewater divert away from floor channels
Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: they did not know the purpose of the machine (oil/water separator?)

Type of discharge: Continuous Batch

Is batch wastewater sampled and tested prior to discharge? Y N

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: _____

Does pretreatment system have on-line monitoring? Y N

Explain: EC/pH monitor outside is not operational or accurate

Does system have alarms? Y N

Alarm response procedures: N/A

Can person conducting tour explain the treatment process? Y N

They were simply workers, they did not know what the pretreatment system was for.

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Should probably have them relocate drums of detergent or place barriers around it

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

There is 1 storm drain, they say wastewater does not flow to storm drain for potential

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: _____

Is spill containment equipment available? Y N

Can spills enter sewer drains? Y N

Are potential spills hazardous to collection system/WWTF? Y N

low potential, if drains were to somehow spill and powder comes into contact w/ H₂O } highly unlikely

WASTE

Does facility generate hazardous waste? Y N

Describe process producing waste: _____ *NA*

Characterization of waste: _____ *NA*

Proper segregation of waste materials? *NA* Y N

Waste material in secondary containment? *NA* Y N

Describe: _____

Waste manifests available? *NA* Y N

COMPLIANCE SUMMARY

Does permit require modification: *possibly in near future* Y N

Explain: *Will need to do more research, MSDS, upcoming local health study*

Are additional pretreatment processes required? Y N

Explain: *possibly*

POST INSPECTION REPORT

Follow-up inspection: *not at the moment / must research EC*

Inspector: *Thomas Sphonsary* Date: *6-10-15*

Attended By: *Sukder* Date: *6-10-15*



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 10/19/2015

Time: 2:15 pm

INDUSTRIAL USER PROFILE

Industry Name: Stratas Foods

SIC No.: 2079

Categorical No.: NA

Address: 3390 S. Chestnut Ave.

Telephone: (559) 495-4527

Permit No. and Class: 1008, Class 1

APN: 331-071-275 & 331-071-305

Contact: Veronica Perez

Title: (559) 495-4527

Email: Veronica.Perez@stratasfoods.com

Phone: Environmental Specialist

Description of business activity: Package cooking oil

Number of employees: 75 Days and hours of operation: 24 hrs ; 5 days/week

SAFETY

Does facility require employee PPE? Y N

PPE List: safety glasses, boots, hearing protection, aprons, hair nets

Are safe operating practices evident? Y N

Security/Safety access requirements: Check in with guard at check station (shack)

BACKFLOW PREVENTOR

Present: Y N Water meter size: NA

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: they said 10" or 8" ^{what they reported earlier}

Discharge wastewater flow rate: varies; they batch discharge

Discharge wastewater metered? Y N they have flowmeter calibrated

Does IU report flow data? Y N

Frequency: They report daily flow on their monthly report

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 17 # Showers: 8 # Toilets: 14 # Floor Drains: many floor drains in packaging area see attached site map

Does facility have a pretreatment system? Y N

Does IU have a schematic/process flow diagram? Y N
(Please attach applicable diagrams)

Description of processes generating wastewater: Wash down from packaging area ^(water soap oil)
exits via drains and ends up in oil pit (pretreatment)

Type of wastewater pretreatment system:

- | | | |
|-----------------------------------------|-----------------------------------------------|---------------------------------------------------------|
| <input type="checkbox"/> Absorption | <input type="checkbox"/> Gravity Separation | <input checked="" type="checkbox"/> Oil Water Separator |
| <input type="checkbox"/> Adsorption | <input type="checkbox"/> Ion Exchange | <input type="checkbox"/> Grit Separator |
| <input type="checkbox"/> Clarification | <input type="checkbox"/> Membrane Processes | <input type="checkbox"/> Coagulation |
| <input type="checkbox"/> Neutralization | <input type="checkbox"/> Coalescing | <input type="checkbox"/> Oxidation/Reduction |
| <input type="checkbox"/> Filtration | <input type="checkbox"/> Precipitation | <input type="checkbox"/> Flocculation |
| <input type="checkbox"/> Distillation | <input checked="" type="checkbox"/> Flotation | <input type="checkbox"/> Other: _____ |
- oil skimming*

Is source water pretreated with softeners? Y N

Type system used: They use raw water for wash down process

Are detergents or additives in use? ^{soap} - for washdown Y N

Types of detergents or additives: Tough or Grease (see MSDS) ²⁰ contained/gate locked

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: They have training for workers (records on computer; Veronica called it the "matrix")

Is it possible for wastewater to bypass the treatment system? Y N

all drains

lead to oil pit, oil pit recirculates until limits are reached
^{North chamber connected (looped) into oil/water separator}

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: They have in-house maintenance, will contract other technical duties

Type of discharge: Continuous Batch - discharge ^{time} /barrels, but they discharge almost daily

Is batch wastewater sampled and tested prior to discharge? Y N - they have online monitoring system

How is batch discharge controlled (valve, computer, manually, etc.)? ^{they test when doing self-monitoring require ments}

Explain: ~~Control~~ Control panel, manually press a button for discharge

Does pretreatment system have on-line monitoring? Y N

Explain: Control panel monitors EC, pH

Does system have alarms? Y N

Alarm response procedures: Alarm comes on when limits are reached, ready to discharge

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? Y N

Is written slug discharge plan available? Y N

Are storm water drains isolated from discharge or waste? Y N

They had storm pond inspected last year

SAMPLING and MONITORING

Sample type: Grab Composite Time Based Flow Proportional

Sampling point location description: (001) There is a valve located near the oil pit.
- see attached site map for 001

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: Discharge varies each day.
We have to call them ahead of time to collect grab sample.

check it - hourly
twice/week
calibrate

Parameters Monitored	Frequency Monitored	Sample Type
EC	daily online monitoring	NA, electronic reading
pH	daily online monitoring	NA, electronic reading

Parameters monitored on-line? Y N Explain: they monitor EC and pH

Monitoring records available? Y N Location: log sheets

Reports submitted? Y N Explain: they submit monthly

Name of laboratory performing analyses: BSK Laboratories

HAZARDOUS MATERIAL STORAGE

Anhydrous ammonia, acetylene

Fresno County Hazardous Materials Business Plan: Y N

Material in secondary containment? Y N

Discharge points from secondary containment? Y N

MSDS Posted: Y N
They had it readily available

SPILL CONTROL and RESPONSE:

Written plan?

Y N

Posted? Y N

They had it readily available

Employees trained?

Y N

Explain: It is part of their training "matrix"

Is spill containment equipment available?

They have spill containment equipment in storage bins scattered throughout the warehouse
 Y N

Can spills enter sewer drains?

Y N

block drains and vacuum spill.

Are potential spills hazardous to collection system/WWTF?

Y N

Technically spills can enter drains but they have spill equipment to

WASTE

Does facility generate hazardous waste?

Y N

Describe process producing waste:

in-house laboratory waste chemicals.

Characterization of waste:

lab waste chemicals hauled off by T&M haz. waste

Proper segregation of waste materials?

Y N

Waste material in secondary containment?

Y N

Describe:

lab waste stored in lab room only

Waste manifests available?

Y N

COMPLIANCE SUMMARY

Does permit require modification: Y N

Explain: cannot foresee the need for changes at this moment

Are additional pretreatment processes required? Y N

Explain: none at this time

POST INSPECTION REPORT

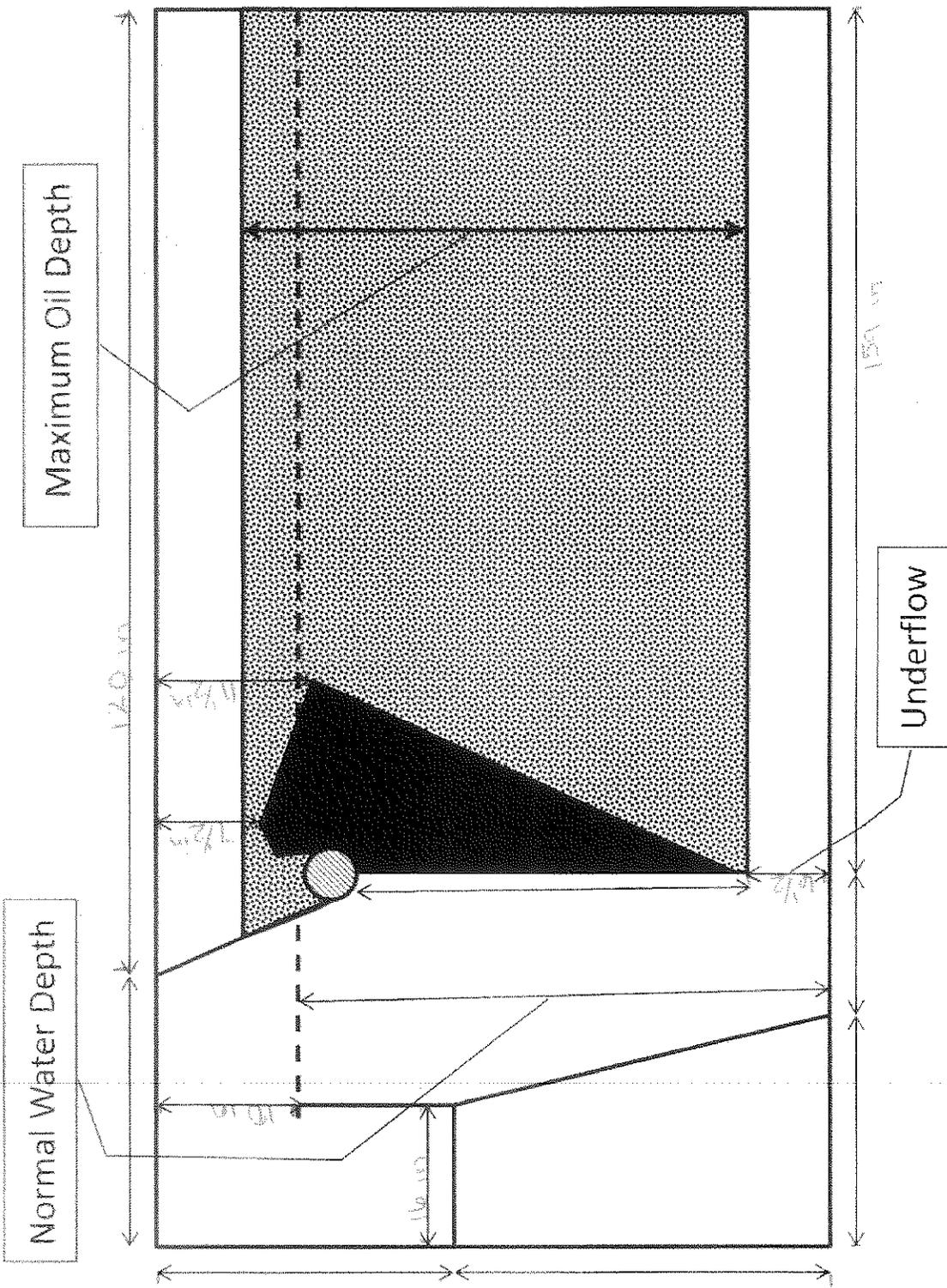
Follow-up inspection: _____

Inspector: Thomas Siphonysan
& Caed Clark

Date: 10-19-2015

Attended By: Veronica Perez
Joe Anderton

Date: 10-19-2015



4-72-11
 11/21/11
 15.5 ft



Facility Inspection Report

INITIAL
 ANNUAL
 FOLLOW-UP
 Other: _____

Date: 10-26-2015

Time: 10:40 am

INDUSTRIAL USER PROFILE

Industry Name: WestRock

SIC No.: 2653

Categorical No.: NA

Address: 3366 Muscat Avenue

Telephone: 559-519-7268

Permit No. and Class: #1001, Class 1

APN: 331-071-315

Contact: Travis Johnson

Title: Environ. & Safety Manager

Email: travis.johnson@westrock.com

Phone: 559-519-7268

Description of business activity: Produce corrugated cardboard; print labels on boxes

Number of employees: 140 Days and hours of operation: M-F 24 hrs.; Sometimes Satur.

SAFETY

Does facility require employee PPE? Y N

PPE List: hearing protection, safety goggles, hard hat, steel-toed boots

Are safe operating practices evident? Y N

Security/Safety access requirements: Enter through front gate; gate code

BACKFLOW PREVENTOR

Present: Y N Water meter size: 4"

Certified: Y N Water meter operational: Y N

FLOW DATA:

Size of sewer discharge pipe: 8"

Discharge wastewater flow rate: 3,000 - 7,000 gallons daily average

Discharge wastewater metered? Y N

weekly flow Does IU report flow data? Y N

Frequency: quarterly reports

**all drains are linked to lift station for treatment
2 @ corrugator
4 @ converting*

PRETREATMENT and DISCHARGE

Plumbing: # Sinks: 20-30 # Showers: 5 # Toilets: ~20 # Floor Drains: 4 @ converting

Does facility have a pretreatment system? Y N
- reuse water for starch making process

Does IU have a schematic/process flow diagram? Y N
- does not enter Malaga sewer
(Please attach applicable diagrams) see attached

Description of processes generating wastewater: cooling tower blowdown is the only discharge to collection system. (not pretreated)

Type of wastewater pretreatment system:

- Absorption
- Adsorption
- Clarification
- Neutralization
- Filtration
- Distillation
- Gravity Separation
- Ion Exchange
- Membrane Processes
- Coalescing
- Precipitation
- Flotation
- Oil Water Separator
- Grit Separator
- Coagulation
- Oxidation/Reduction
- Flocculation *- treatment tank*
- Other: _____

- filter cakes inspected by Health Department
- All Valley Environ. handles cakes

Is source water pretreated with softeners? Y N

Type system used: generates a brine high in EC; hauled off site, 1/yr

Are detergents or additives in use? Y N

Types of detergents or additives: Starch makeup: caustics, Corn starch, non-VOCs (turbo max RTSO) flocculant to break solids

Does the IU have written procedures (SOP's) when adding chemicals? Y N

Explain: SOP's part of quality program/production; workers are trained

Is it possible for wastewater to bypass the treatment system? Y N
All drains are contained internally and ties into the neutralization/equalization tanks. Design of building @ enables full containment

sump has a pump to recirculate any potential spill back to treatment tank

Does IU implement work orders for maintenance of pretreatment equipment? Y N

Explain: have work orders + preventative maintenance

Type of discharge: Continuous Batch Automated system discharge by the batch continuously.

Is batch wastewater sampled and tested prior to discharge? Y N It is monitored via probes, automatic

How is batch discharge controlled (valve, computer, manually, etc.)?

Explain: automatic monitoring system, opens valve when within permit limits. meters/probes

Does pretreatment system have on-line monitoring? Y N

Explain: pH, EC, gallons are monitored

Does system have alarms? Y N

Alarm response procedures: if operational difficulties, alarm goes on and will not open if not within permit limit

Can person conducting tour explain the treatment process? Y N

Operation difficulties during the last year? Y N

Is slug discharge plan required? No way for slug or to enter sewer due to design of drains. Slugs would only result from increase production Y N Will need to explain/document

Spills roads

Is written slug discharge plan available? Y N they have spill control response plan

Are storm water drains isolated from discharge or waste? Y N

SAMPLING and MONITORING

Sample type: ^{weekly} Grab Composite Time Based Flow Proportional

Sampling point location description: Monitoring station located east of the facility;
there is a valve to collect grab samples

(Please attach photos of sample locations and/or map)

Is sampling point isolated from domestic wastewater? Y N

When can representative samples be obtained? Explain: Only grabs can be collected due
to automated discharge system. Time to collect is based on random timing.

Parameters Monitored	Frequency Monitored	Sample Type
pH set @ 6-9	gives daily readings	automatic metered
EC set at 900 micro μ S/cm	daily readings	automatic metered
(below 950 limit)		
flow	weekly flow	meter - maintenance crew conduct calibrations

Parameters monitored on-line? Y N Explain: EC, pH

Monitoring records available? Y N Location: daily readings in 20 min. intervals
"Wall Chem Report"

Reports submitted? Y N Explain: quarterly spreadsheet

Name of laboratory performing analyses: BSK laboratories

They have voluntarily
submitted weekly reports
with COC

HAZARDOUS MATERIAL STORAGE

oil, absorbent
Fresno County Hazardous Materials Business Plan: Y N
in 55 gallon, 50 lbs solids, have MSDS
Material in secondary containment? Y N
Drums, drains
Discharge points from secondary containment? Y N
Drains designed to recirculate to
treatment tank
MSDS Posted: Y N

SPILL CONTROL and RESPONSE:

Written plan? Y N Posted? Y N

Employees trained? Y N Explain: trained annually

Is spill containment equipment available? Y N
absorbents, gutters guards, readily available throughout facility

Can spills enter sewer drains? Y N

All drains lead to treatment tank, isolated from sewer

Are potential spills hazardous to collection system/WWTF? Y N

Spills cannot leave property, building is designed to contain spills internally

no potential to enter Malaysia sewer

WASTE

Does facility generate hazardous waste? Y N

Describe process producing waste: process equipment hazardous waste

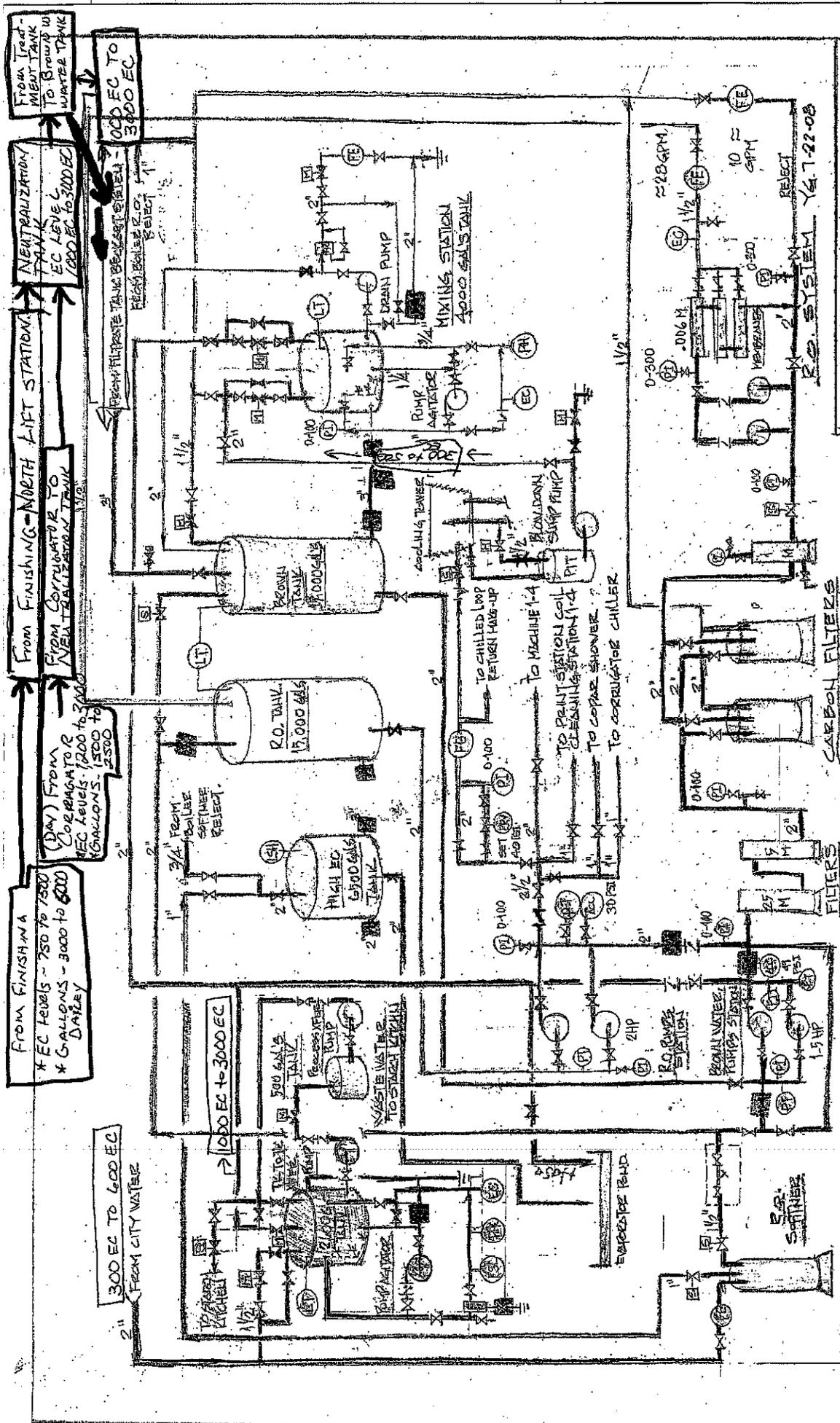
Characterization of waste: waste oil, absorbents, filters, aerosols, etc.

Proper segregation of waste materials? Y N
oil drums w/labels, shipped 160 days, small quantity generator

Waste material in secondary containment? Y N

Describe: drums, drums

Waste manifests available? Y N
RERA cradle to grave



FROM FINISHING-N
 EC LEVELS - 750 TO 1200
 * GALLONS - 3000 TO 6000
 DAILEY

FROM FINISHING-NORTH LIFT STATION
 FROM COMPRESSOR TO
 NEUTRALIZATION TANK
 EC LEVELS - 1000 TO 3000 EC

FROM TREATMENT TANK
 TO BROWNS TO
 WATER TANK
 EC LEVELS - 1000 TO 3000 EC

300 EC TO 600 EC
 FROM CITY WATER

FROM TREATMENT TANK
 TO BROWNS TO
 WATER TANK
 EC LEVELS - 1000 TO 3000 EC

GRAY MECHANICAL, INC.
 INDUSTRIAL
 CALPINE CORRUGATED
 WASTE WATER SYSTEM
 FLOW DIAGRAM
 1/6 DESIGN BY: [Signature] 1/28/88

AS BUILT
 2/1/88

Old Map

Attachment C: Slug Assessment Form

Slug Assessment Form

A. GENERAL INFORMATION

Facility: _____

Address: _____

Facility Representative: _____ Class: _____

B. CHEMICALS *(flammable, corrosive, non-biodegradable, causes heat, creates toxic gas)*

1. Type of chemicals used/stored: _____

2. Where are chemicals stored? _____

3. How much chemicals are used/stored? _____

4. Are chemicals contained/how are they handled: _____

C. DISCHARGE

5. Describe discharge practices, including non-routine batch discharges: _____

6. If Batch, how is discharge controlled? _____

7. Location of drains: _____

8. Are drains protected: _____

Is facility required to have a slug discharge control plan?

YES

NO

Notes:

Attachment D: Example Slug Assessment Form for Nondomestic Users

Slug Assessment Form

A. GENERAL INFORMATION

Facility: Trulite Glass & Aluminum Solutions (formerly Western State Glass)

Address: 2775 E. Malaga Ave. Fresno, CA 93725

Facility Representative: Jaime Luna – Plant Manager Class: 3

B. CHEMICALS (*flammable, corrosive, non-biodegradable, causes heat, creates toxic gas*)

1. Type of chemicals used/stored: Glass coolant (Mirror Grind 5449) is a liquid solution that is used to cool the glass as it enters to the polishing machine. Cerium Oxide Glass Polishing Powder is used to polish the glass. Other chemicals are onsite but are not discharged (glass sealant).

2. Where are chemicals stored? Majority of chemicals are stored in a central area with no nearby drains or sewer access points.

3. How much chemicals are used/stored? The facility does not have bulk chemicals onsite. Some chemicals are in barrels (less than 55 gallons), but the majority of chemicals are in small buckets (~5 gallon bucket).

4. Are chemicals contained/how are they handled: Chemicals are manually transferred to the polishing machine. Chemicals are contained in drums and buckets stacked on top of pallets.

C. DISCHARGE

5. Describe discharge practices, including non-routine batch discharges: It was estimated that discharge occurs every two weeks when the polishing machine area is cleaned/washed down. Discharge volume is minimal (outside compartment causes discharge to slowly trickle to sewer).

6. If Batch, how is discharge controlled? Discharge can be continuous if continuous wash down should occur. There is no monitoring system and discharge is not yet tested prior to discharge.

7. Location of drains: There is one central trough that is linked to the separator compartment system located outside the facility. This central trough collects wastewater from the polishing system. There are no other drains within the facility.

8. Are drains protected: The central trough is not protected and collects discharge to the outside compartment.

Is facility required to have a slug discharge control plan?

YES

NO

Notes: The facility does not generate enough wastewater to act as a slug nor does the facility use bulk amounts of chemicals. Discharge slowly trickles from the outside compartment.

Slug Assessment Form

A. GENERAL INFORMATION

Facility: Custom Ag Formulators

Address: 3430 S. Willow Ave Fresno, CA 93725

Facility Representative: Robbie Steward – Plant Manager Class: 3

B. CHEMICALS *(flammable, corrosive, non-biodegradable, causes heat, creates toxic gas)*

9. Type of chemicals used/stored: Acids, corrosives, dry materials (zinc, magnesium, etc.), glycols

10. Where are chemicals stored? Chemicals are stored in a central location in the warehouse where no drains are present. Chemicals are also stored outside of the warehouse and are contained.

11. How much chemicals are used/stored? There are 50 pound bags, tote-sized bags, and the two massive holding tanks are 7,200 gallons in volume.

12. Are chemicals contained/how are they handled: There is an area outside the facility where they fill totes and blend chemicals in tanks. This area is fully contained via a concrete wall that they constructed. This area has a drainage system that is linked to the massive holding tanks. Thus, any potential spill will not exit the area. Rinse water is hauled off via EE Trucking. Totes are filled via a hose and pump. Chemicals are handled manually in the blending area and bottled manually in the warehouse.

C. DISCHARGE

13. Describe discharge practices, including non-routine batch discharges: The facility does not discharge any non-domestic type waste.

14. If Batch, how is discharge controlled? The facility does not discharge any non-domestic type waste.

15. Location of drains: There are no drains connected to the sewer besides the ones in the restrooms/sinks. There is a drain in the chemical blending area that is linked to the two massive holding tanks.

16. Are drains protected: All drains in containment area divert spills into the holding tanks.

Is facility required to have a slug discharge control plan?

YES

NO

Notes: The facility does not discharge any non-domestic type waste. Their permit class will need to be changed from Class 3 to a Class 5 (non-domestic type waste).

Slug Assessment Form

A. GENERAL INFORMATION

Facility: American Warehouse Co., Inc.

Address: 3150 S. Willow Ave. Fresno, CA 93725

Facility Representative: Thomas Linton – VP of Operations Class: 5

B. CHEMICALS *(flammable, corrosive, non-biodegradable, causes heat, creates toxic gas)*

17. Type of chemicals used/stored: Crop protection & agricultural related chemicals

18. Where are chemicals stored? Throughout the warehouse complex

19. How much chemicals are used/stored? Facility does not process chemicals and there is no industrial activity. Warehouse is simply a storage and distribution center. There is a substantial amount of totes and boxed chemicals (warehouse has an area of over 400,000 sq. ft.)

20. Are chemicals contained/how are they handled: Chemicals are in totes and boxes/pallets. The warehouse is self-contained such that any potential spill will not enter any sewer line. Like many distribution centers, forklifts are used to handle bulk items. All employees are trained for spill response.

C. DISCHARGE

21. Describe discharge practices, including non-routine batch discharges: Facility is a storage center and does not discharge any non-domestic waste.

22. If Batch, how is discharge controlled? Facility is a storage center and does not discharge any non-domestic waste.

23. Location of drains/storm drains: Each building of the warehouse complex has a floor that is inclined inward towards a center drain. Hence, the facility is self-contained. The drains are not connected to the District sewer system. Drains are linked to the holding pond lined with bentonite clay.

24. Are drains protected: Self-containment drains are not protected. Drains are not connected to District sewer.

Is facility required to have a slug discharge control plan?

YES

NO

Notes: NA

Attachment E: MCWD Slug Discharge Control Plan



Malaga County Water District

Slug Discharge Control Plan

Slug Definition: "Any discharge of a non-routine, episodic nature, including but not limited to an accidental spill or a non-customary batch discharge, which has a reasonable potential to cause interference or pass through, or in any other way violate the POTW's regulations, local limits or permit conditions." [Title 40, Code of Federal Regulations, 403.8(f)(2)(vi)]

IMPORTANT: The Malaga County Water District shall be notified immediately in the event of a slug discharge and any discharge that would violate a prohibition under 40 CFR 403.5(b). The Malaga County Water District shall be notified by telephone at (559) 485-7353. A written report must be submitted to the Malaga County Water District within five (5) calendar days after an incident. The written report shall be submitted to the following address:

Malaga County Water District
3580 S. Frank
Fresno, CA 93725

1. Contact information of the person responsible for the implementation of the SDCP.

Name: _____

Title: _____

Phone #: _____

Emergency Phone #: _____

Working Hours: _____

2. Description of discharge practices, including non-routine batch discharges.

3. Location of drains, storm drains, and other access points to the sewer. Please attach any applicable site maps indicating the locations.

4. List the name and quantity of all chemicals, solutions, liquids or raw materials which may enter the sewer or storm drain system in an event of a spill.

	Name	Quantity
A.	_____	_____
B.	_____	_____
C.	_____	_____
D.	_____	_____
E.	_____	_____

5. Procedures in place for the routine inspection and maintenance of potential spill sources (ex. storage areas, holding tanks, etc.).

6. Procedures for the handling and transfer of materials and chemicals.

6. Procedures for loading and unloading materials and chemicals.

7. Procedures to control plant site runoff (excess water that overflows to surfaces).

8. Procedures to contain toxic organic pollutants, including solvents.

9. Worker training documentation for implementation of the SDCP.

10. List the abatement, containment and prevention plans that are proposed or currently in place. These can include spill containment structures or vessels, known drainage and containment patterns and/or established transfer procedures.

11. List the equipment, personnel, and resources to be used in the event of an emergency response to a slug load.

- A. _____
- B. _____
- C. _____
- D. _____
- E. _____

12. List your company's standard operating procedures to be used in the event a spill occurs.

13. Contact information of the companies contracted or will be contracted for the recovery and/or removal of the spill from the facility.

A) Name: _____

Address: _____

Contact: _____

Phone #: _____

B) Name: _____

Address: _____

Contact: _____

Phone #: _____

14. I certify under penalty of law that this document and all attachments 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 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 known violations. I also understand that applicable civil and criminal penalties may apply for any violations of pretreatment standards, requirements and/or compliance schedules.

Name & Title of Representative

Signature of Representative

Date of Signature

Attachment F: Written Response Form



Malaga County Water District

Slug Written Report Form

A written report detailing the date and time of the discharge, location of discharge, the type of waste, including concentration and volume, and any corrective actions taken must be submitted to the Malaga County Water District within five (5) calendar days of the incident.

Facility: _____

Address: _____

Name of Contact Person: _____

Phone: _____

Date discharge occurred: _____ Time discharge occurred: _____

Volume of discharge: _____

Type of waste: _____

Concentration: _____

Description of incident: _____

Corrective actions: _____

Company responsible for clean up: _____
