DOCKETED	
Docket Number:	00-AFC-01C
Project Title:	Contra Costa Power Plant Project Compliance
TN #:	237340
Document Title:	Annual Compliance Report RY 2020 for GGS_6of8 parts
Description:	Annual Compliance Report for PG&E Gateway Generating Station (00-AFC-01C) for RY 2020
Filer:	Angel B. Espiritu
Organization:	PG&E Gateway Generating Station
Submitter Role:	Applicant Representative
Submission Date:	3/29/2021 10:58:06 AM
Docketed Date:	3/29/2021

Gateway Generating Station (00-AFC-1C)

Annual Compliance Report No. 12

Exhibit 5 HAZ-1 Appendix C: Table 8.12-4 (Condition of Certification HAZ-1), and Hazardous Materials Inventory as submitted to CUPA through CERS on 2/25/2020

HAZ-1 Appendix C Table 8.12-4 Hazardous Materials to be Added at Gateway Generating Station During the Operational Phase

Material	CAS Number	Purpose	Location	Container	Hazardous Characteristics	Maximum Quantity	Unit	Reg	ulatory Th	resholds (I	lbs.)
						On-Site		Cal-ARP	Federal RQ	Federal TPQ	Federal TQ
Aqueous Ammonia (29%)	7664-41-7	SCR	Ammonia Storage Facility	Storage Tank (20,000 gal)	Corrosive	285,000	lbs.	500	100	500	20,000
Trisodium Phosphate (or Pre-blended Phosphate/Caustic)	7601-54-9 1310-73-2	pH/Corrosion Control	Northeast Corner of Admin Building	Bulk Returnable Container (Tote) with Hose Connections	Corrosive/Toxic	1,000	lbs.				
Carbohydrazide	487-18-7	Oxygen Scavenger (Oxygen removal/metal passiavtion)	Between ST and ACC	Bulk Returnable Container (Tote) with Hose Connections	Toxic	500	gals.				
Aqueous Ammonia (19.4%) (or ammonia monoethanolamine blend) *	7664-41-7 141-43-5	Boiler Feed pH adjustment/corrosion control	Between ST and ACC (Northwest corner of ACC)	Bulk Returnable Container (Tote) with Hose Connections	Corrosive	330	gals.	500			
Sodium Bisulfite	7631-90-5	Water treatment feedwater dechlorinization	Fire Water Pump Enclosure	Bulk Returnable Container (Tote) with Hose Connections	Toxic	500	gals.				
Stabilized Bromine/Sodium Hydroxide	1310-73-2	Bacteria control for feedwater tank/WSAC cooling water biocide	Fire Water Pump Enclosure	Bulk Returnable Container (Tote) with Hose Connections	Corrosive/Toxic	400	gals.				
Sulfuric Acid *	7664-93-9	WSAC water pH adjustment	Between ACC and WSAC and Warehouse (Storage)	Bulk Returnable Container (Tote) with Hose Connections	Corrosive	50	gals.	1,000			
Corrosion/Scale Inhibitor/Sodium Hydroxide	1310-73-2	Scale and corrosion inhibitor for closed loop cooling	Fire Water Pump Enclosure	Drum	Toxic	55	gals.				
Scale Inhibitor/Sulfuric Acid	7664-93-9	Scale and corrosion inhibitor evaporative cooling system (WSAC)	Between ACC and WSAC	Bulk Returnable Container (Tote) with Hose Connections	Toxic	500	gals.				
Sodium Hypochlorite	7681-52-9	Evaporative Cooling (WSAC) biocide	Between ACC and WSAC	Bulk Returnable Container (Tote) with Hose Connections	Corrosive/Toxic	500	gals.				
Hydrogen Gas	1333-74-0	Heat transfer medium for generators	Storage (South of ACC), In Process (CT1, CT2, ST)	Bulk Returnable Container (Tube Trailer) & In Process	Flammable	1,029	lbs.				10,000
Propylene Glycol	00057-55-6	Heat transfer fluid (Anti- freeze)	Power Block	Bulk Returnable Container (Tube Trailer) & In Process	Flammable (HMIS Flam-1)	3,326	gals.				
Monoethanolamine (30%-60%) *	141-43-5	Corrosion Inhibitor	Between ST and ACC (Northwest corner of ACC)	Bulk Returnable Container (SS Metal Tote) with Hose Connections	Corrosive/Toxic/ Combustable	400	gals.				
Ammonium Hydroxide (15%) & Monoethanolamine (8%)	1336-21-6 141-43-5	Corrosion Inhibitor	Between ST and ACC (Northwest corner of ACC)	Bulk Returnable Container (SS Metal Tote) with Hose Connections	Corrosive, Toxic	400	gals.				
Aluminum chloride hydroxide sulfate (10-30%)	39290-78-3	Flocculant	Storm Water Treatment System and Warehouse (Storage)	Bulk Returnable Container (Tote) with Hose Connections	Corrosive	550	gals.				
Sodium Hydroxide (10-50%)	1310-73-2	Precipitate Transition (for Iron)	Storm Water Treatment System	Bulk Returnable Container with Hose Connections	Corrosive	80	gals.				

^{*} The aqueous ammonia (or ammonia monoethanolamine blend) and sulfuric acid are stored in catchments sized to meet all applicable codes.

			Hazardou	us Materials /	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	tion			CERS ID	10018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			Air Cooled	d Condensei	r Gear Bo	oxes	Facility ID	07-000-773723	3
	3225 Wilbur	Ave, Antioch 94509							Status	Submitted on 2/2	5/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		zardous Component (For mixture only)	S
DOT Code/Fire Haz. (lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquic	l, Class III-B	CAS No Map: Figure 2 Grid: C3	Liquid C	432 Storage Container Other Days on Site: 365	12	432 Pressue Ambient Temperature > Ambient	Waste Cod	le	1-DECENE, HOMOPOLYI HYDROGENATED	MER, 95 %	68037-01-4

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			Hazardo	us Materials /	And Waste	s Inventory	Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID	10018894	
Facility Name	PG&E GAT	EWAY GENERATING STATION			Alternate	Feed Transf	former		Facility I	07-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status	Submitted on 2/2	5/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	S
OOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquic	I, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: D6	Liquid Type	656 Storage Container Other Days on Site: 365	656	656 Pressue Ambient Temperature > Ambient	Waste Cod	le	Dielectric Oil (Highly I	Refined Petro 100 %	

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ERS Business/Org.	PG&E PG&E GATEWAY GENERATING STATION			Chemical Loca	and Scave	nger Feed	Skid	CERS ID	10018894 D 07-000-773723	1
Temey Hume	3225 Wilbur Ave, Antioch 94509			Ammonia	ana Scave	inger reed	JRIU	Status	Submitted on 2/2	
OT C- d- /Fin- U C	Common Nove	11-24	Mary Daily	Quantities	A Daile	Annual Waste	Federal Hazard		(For mixture only)	
OT Code/Fire Haz. C	NALCO 5711	Gallons		Largest Cont.	Avg. Daily 400	Amount	- Physical - Corrosive To	AMMONIA MEA	% Wt 15 % 8 %	EHS CAS No.
orrosive	CAS No	Liquid	Storage Container Plastic/Non-meta	lic Drum	Ambient	Waste Cod	Metal - Health Skin	WEA	0 70	
	Map: Figure 2 Grid: C4	Type Mixture	Days on Site: 365		Temperature Ambient	·	Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation			

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ERS Business/Org.	PG&E PG&E GAT	EWAY GENERATING STATION			Chemical Local	^{ation} Ammonia S	torage Ta	nk	CERS ID Facility I	10018894 D 07-000-773723	3
	3225 Wilbur	Ave, Antioch 94509					Annual		Status	Submitted on 2/2	•
OT Code/Fire Haz. (Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	_ Waste Amount	Federal Hazard Categories	Component Name	(For mixture only) % Wt	EHS CAS No.
OT: 8 - Corrosive: olids) orrosive	s (Liquids and	Aqua Ammonia (29%) CAS No 1336-21-6 Map: Figure 2 Grid: A6	Liquid Type	18020 Storage Container Aboveground Tank Days on Site: 365	18020	18020 Pressue Ambient Temperature Ambient	•••••	- Health Acute Toxicity - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity - Health Hazard Not Otherwise Classified	Ammonia	30 %	√ 7664-41-7

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		Hazardou	us Materials A	And Waste	s Inventory	/ Matrix	Report				
Facility Name PG	&E &E GATEWAY GENERATING STATION 25 Wilbur Ave, Antioch 94509			Chemical Loca	ation		Building and Sh	nop Annex	Facility ID 0	.0018894 7-000-773723 ubmitted on 2/25	
OOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component N	(ardous Components For mixture only) % Wt	EHS CAS No.
OOT: 2.1 - Flammable G	Acetylene, Compressed CAS No 74-86-2 Map: Figure 2 Grid: B4	Gas C	1740 Storage Container Cylinder Days on Site: 365	145	1740 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Acetylene		100 %	74-86-2
OOT: 2.1 - Flammable G	CAS No	Liquid (111 Storage Container Cylinder Days on Site: 365	9.6	74 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Flammable - Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Propane		100 %	74-98-6
Combustible Liquid, Cla	Shell Turbo Oil DR46 SS III-B CAS No Map: Figure 2 Grid: C4	Liquid S	110 Storage Container Steel Drum Days on Site: 365	55	110 Pressue Ambient Temperature Ambient	Waste Code		Highly Refin Proprietary	ied Petroleun Additives	n Oil 99 % 1 %	

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		Hazardo	us Materials /	And Waste	s Inventory	y Matrix	Report			
	&E &E GATEWAY GENERATING STATION 5 Wilbur Ave, Antioch 94509			Chemical Local	ation ioxide Bulk	Storage		CERS ID Facility II Status	10018894 07-000-773723 Submitted on 2/25	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflammabl		Gallons State Liquid Type	•	2326	2326 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas	Carbon Dioxide	100 %	124-38-9

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		Hazardo	us Materials /	And Waste	s Inventory	y Matrix	Report			
,	&E &E GATEWAY GENERATING STATION 5 Wilbur Ave, Antioch 94509			Combusti	ation on Turbine-	A		CERS ID Facility II Status	10018894 07-000-773723 Submitted on 2/2	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflammable		Gallons State S Liquid Type	2326 Storage Container Aboveground Tank Days on Site: 365	2326	2326 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas	Carbon Dioxide	100 %	124-38-9

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			Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 10	018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			Combusti	on Turbine-	A Lube C	Oil Reservoir	Facility ID 07	-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status Su k	omitted on 2/2	5/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		dous Component or mixture only)	ts
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Shell Turbo Oil T 32	Gallon	s 6000	6000	6000			Highly Refined Petroleum (Oil 99 %	
Combustible Liquid	d, Class III-B	CAS No	State Liquid	Storage Container Other	 .	Pressue Ambient	Waste Cod	le	Proprietary Additives	5 %	
		Map: Figure 2 Grid: C6	Type Mixture	Days on Site: 365		Temperature > Ambient					,

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			Hazardo	us Materials A	And Waste	s Inventory	/ Matrix	Report			
Facility Name P		EWAY GENERATING STATION Ave, Antioch 94509			Combusti	ation ion Turbine-	В		CERS ID Facility II Status	10018894 07-000-773723 Submitted on 2/25	
DOT Code/Fire Haz. Clas	ss	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Components (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflamma	able Gases	Carbon Dioxide, Liquid CAS No 124-38-9 Map: Figure 2 Grid: B5	Gallons State Liquid Type		2326	2326	Waste Cod	- Physical Gas - Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Carbon Dioxide	100 %	124-38-9

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			Hazardo	ous Materials <i>i</i>	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 1001	8894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			Combusti	on Turbine	-B Lube C	il Reservoir	Facility ID 07-0	00-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status Subm	itted on 2/2	25/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		is Componen ixture only)	ts
OOT Code/Fire Haz. O	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Shell Turbo Oil T 32	Gallons	6000	6000	6000			Highly Refined Petroleum Oil	99 %	
Combustible Liquid	, Class III-B	CAS No	State Liquid	Storage Container Other	•••	Pressue Ambient	Waste Cod	le	Proprietary Additives	5 %	
		Map: Figure 2 Grid: C5	Type Mixture	Days on Site: 365		Temperature > Ambient					

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID	10018894	
Facility Name	PG&E GATEWAY GENERATING STATIO 3225 Wilbur Ave, Antioch 94509				Construct	ion Power T	ransforn	ner	Facility ID	07-000-773723	3
	3225 Wilbur Ave, Antioch 94509								Status Submitted on 2/25/2020 5:40 PM		
					Quantities		Annual Waste	Federal Hazard		zardous Component (For mixture only)	S
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No		390 Storage Container Other	390	390 Pressue Ambient	Waste Cod	le	Dielectric Oil (highly refi petroleum oil)	ined 100 %	
Combustible Liquid	l, Class III-B	Map: Figure 2 Grid: B6	Туре	Days on Site: 365		Temperature > Ambient					

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID	10018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			Construct	ion Trailer T	ransforn	ner	Facility ID	07-000-773723	3
	3225 Wilbur Ave, Antioch 94509								Status Submitted on 2/25/2020 5:40 PI		
	7				Quantities		Annual Waste	Federal Hazard	На	azardous Component (For mixture only)	S
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No		402 Storage Container Other	402	402 Pressue	Waste Cod	le	Dielectric Oil (highly ref petroleum oil)	fined 100 %	
Combustible Liquid	I, Class III-B	Map: Figure 2 Grid: C8	Туре	Days on Site: 365		Ambient Temperature > Ambient					

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		Hazardo	ous Materials <i>i</i>	And Waste	s Inventor	y Matrix	Report			
*	TEWAY GENERATING STATION Ave, Antioch 94509			CT A - PEE	ition C and CT B	- PEEC		Facility ID 07	0018894 7-000-773723 bmitted on 2/2	3 5/2020 5:40 PM
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Hazai (Fo Component Name	rdous Component or mixture only) % Wt	EHS CAS No.
DOT: 8 - Corrosives (Liquids and Solids) Corrosive, Water Reactive, Class 2	Flooded Tubular Lead Acid	Туре	Storage Container Other Days on Site: 365	3	357 Pressue Ambient Temperature Ambient		- Physical Explosive - Physical Corrosive To Metal - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Lead, Lead Compounds Sulfuric Acid	62 % 7 %	7439-92-1 ✓ 7664-93-9

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	y Matrix	Report				
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID	10018894		
Facility Name	PG&E GATEWAY GENERATING STATIC 3225 Wilbur Ave, Antioch 94509				CT-A Auxi	liary Transfe	ormer		Facility ID	07-000-77372	3	
	3225 Wilbur Ave, Antioch 94509								Status Submitted on 2/25/2020 5:40 PM			
	7				Quantities		Annual Waste	Federal Hazard	Н	lazardous Componen (For mixture only)	ts	
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
Combustible Liquic	I, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C6		6155 Storage Container Other	6155	6155 Pressue Ambient Temperature	Waste Cod	le	Dielectric Oil (highly re petroleum oil)	efined 100 %		
		map. Hare 2 Shu. Co		Days on Site: 365		> Ambient						

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			Hazardo	us Materials /	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID 1	0018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			CT-A Excit	ation Trans	former		Facility ID 0	7-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status S L	ibmitted on 2/2	5/2020 5:40 PM
	·				Quantities		Annual Waste	Federal Hazard		rdous Componen or mixture only)	ts
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No	Gallons State	414 Storage Container	414	414 Pressue			Dielectric Oil (highly refin petroleum oil)	ed 100 %	
Combustible Liquid	, Class III-B	Map: Figure 2 Grid: C6	Туре	Other Days on Site: 365		Ambient Temperature > Ambient	Waste Coo	16			

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			Hazardou	ıs Materials <i>İ</i>	And Waste	s Inventory	/ Matrix	Report				
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 1	0018894		
Facility Name	PG&E GA	TEWAY GENERATING STATION			CT-A Isola	tion Transfo	ormer		Facility ID 0	7-000-77372	3	
	3225 Wilbur	Ave, Antioch 94509							Status Submitted on 2/25/2020 5:40 PM			
	·			Annual Quantities Waste Federal Hazar				Federal Hazard	Hazardous Components (For mixture only)			
DOT Code/Fire Haz. O	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
Combustible Liquic	l, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C6	Liquid C	1413 torage Container Other	1413	1413 Pressue Ambient Temperature > Ambient	Waste Cod	le	Dielectric Oil (highly refin petroleum oil)	ed 100 %		

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			Hazardoı	us Materials /	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID	10018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			CT-A Mair	n Step-Up Ti	ransform	er	Facility ID	07-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status S	Submitted on 2/2	5/2020 5:40 PM
	·				Quantities		Annual Waste	Federal Hazard		zardous Component (For mixture only)	s
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquid	l, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C6	Liquid (12800 Storage Container Other Days on Site: 365	12800	12800 Pressue Ambient Temperature > Ambient	Waste Cod	e	Dielectric Oil (highly refi petroleum oil)	ned 100 %	

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			Hazardou	us Materials /	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 1	0018894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			CT-B Auxi	liary Transfo	ormer		Facility ID 0	7-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status St	ubmitted on 2/2	5/2020 5:40 PM
	·			Annual Quantities Waste Federal Hazar				Federal Hazard	Hazardous Components (For mixture only)		
DOT Code/Fire Haz. C	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquid	l, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C5	Liquid (6155 Storage Container Other Days on Site: 365	6155	6155 Pressue Ambient Temperature > Ambient	Waste Cod	le	Dielectric Oil (highly refin petroleum oil)	ed 100 %	

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			Hazardo	us Materials /	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 1	0018894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			CT-B Excit	ation Trans	former		Facility ID 0	7-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status S L	ibmitted on 2/2	5/2020 5:40 PM
	·			Annual Quantities Waste Federal Hazar				Federal Hazard	Hazardous Components (For mixture only)		
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No		Storage Container	414	414 Pressue		la.	Dielectric Oil (highly refin petroleum oil)	ed 100 %	
Combustible Liquid	, Class III-B	Map: Figure 2 Grid: C5	Туре	Other Days on Site: 365		Ambient Temperature > Ambient	Waste Cod	1e			

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			Hazardou	ıs Materials <i>İ</i>	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID	10018894	
Facility Name	Name PG&E GATEWAY GENERATING STATIO 3225 Wilbur Ave, Antioch 94509				CT-B Isola	tion Transfe	ormer		Facility ID	07-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status	Submitted on 2/2	25/2020 5:40 PM
	·			Annual Quantities Waste Federal Hazard					Hazardous Components (For mixture only)		
DOT Code/Fire Haz. 0	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquic	, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C5	Liquid C	1413 torage Container Other Days on Site: 365	1413	1413 Pressue Ambient Temperature > Ambient	Waste Cod	le	Dielectric Oil (highly re petroleum oil)	fined 100 %	

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ation			CERS ID	10018894	
Facility Name	PG&E GATEWAY GENERATING STATIC 3225 Wilbur Ave, Antioch 94509				CT-B Mair	n Step-Up Tr	ransform	er	Facility ID 07-000-773723		
	3225 Wilbur Ave, Antioch 94509								Status Submitted on 2/25/2020 5:40 PM		
					Quantities		Annual Waste	Federal Hazard		azardous Component (For mixture only)	S
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No.		12800 Storage Container Other	12800	12800 Pressue Ambient	Waste Cod	le	Dielectric Oil (highly ref petroleum oil)	fined 100 %	
Combustible Liquid	I, Class III-B	Map: Figure 2 Grid: C5	Туре	Days on Site: 365		Temperature > Ambient					

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		Hazardou	s Materials	And Waste	s Inventory	y Matrix	Report			
	&E &E GATEWAY GENERATING STATION 5 Wilbur Ave, Antioch 94509			Chemical Loca Gas Cond	ation itioning Sta	tion		CERS ID Facility I Status	10018894 D 07-000-773723 Submitted on 2/2	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflammable	e Gases Helium, Compressed CAS No 7440-59-7 Map: Figure 2 Grid: D4	Gas Cy Type	1168 orage Container ylinder ays on Site: 365	292	1168 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Helium	100 %	7440-59-7

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		iazardo	us Materials A			y iviatrix	Keport			
RS Business/Org.	 TEWAY GENERATING STATION r Ave, Antioch 94509			GT PROJE	ction	EMPORAR	RY)	CERS ID 10018894 Facility ID 07-000-773723 Status Submitted on 2/25/2020 5:40 I		
OT Code/Fire Haz.	Common Name NON-RCRA Hazardous Waste Liquid (Pipeline Liquid) CAS No Grid: D8	Liquid Type	Max. Daily 4200 Storage Container Tank Wagon Days on Site: 90	Quantities Largest Cont. 4200	Avg. Daily 2772 Pressue Ambient Temperature Ambient	Annual Waste Amount 10233 Waste Code 342	Federal Hazard Categories	Hazardous C (For mixt) Component Name Pipeline Liquid	omponents	
	NON-RCRA Hazardous Waste Solid (Mercaptan Contaminated Debris) CAS No		Storage Container Steel Drum Days on Site: 365	500	165 Pressue Ambient Temperature Ambient	250 Waste Code 352	<u>}</u>	Mercaptan Contaminated Debris	s 100 %	
	NON-RCRA Hazardous Waste Solid (Pigs) CAS No Grid: D8	Pounds State Solid Type Waste	25267 Storage Container Box Days on Site: 90	25267	16676 Pressue Ambient Temperature Ambient	50534 Waste Code 223	<u>}</u>	Used Pipeline Pigs	100 %	
	NON-RCRA Hazardous Waste Solids (Aluminum Oxide, Sodium Oxide) CAS No Grid: D8	Solid Type	Storage Container Steel Drum Days on Site: 90	500	1056 Pressue Ambient Temperature Ambient	1600 Waste Code 181	<u>}</u>	Aluminum Oxide, Sodium Oxide	100 %	

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Hazardous Materials And Wastes Inventory Matrix Report											
CERS Business/Org.	PG&E			Chemical Loca			(2.40) 144 1	CERS ID	10018894		
Facility Name	PG&E GATEWAY GENERATING STATION		Hazardous Mat/Waste Storage (M9)-Warehouse Facility ID 07-000-773723								
	3225 Wilbur Ave, Antioch 94509							Status	Submitted on 2/2!	5/2020 5:40 PM	
				Quantities		Annual Waste	Federal Hazard		Hazardous Component: (For mixture only)	5	
DOT Code/Fire Haz. (Class Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
DOT: 4.1 - Flamma	ble Solids Waste Flamable Solids, Organic	Pound	s 100	500	66	250	- Physical	Flamable Solid, Organ	ic 100 %		
Flammable Solid	CAS No	State Solid	Storage Container Steel Drum		Pressue Ambient	Waste Cod 352	_e Flammable				
	Grid: B8, C3	Type Waste	Days on Site: 365		Temperature Ambient					1	

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									_			
ERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 10018894			
acility Name	PG&E GAT	TEWAY GENERATING STATION			Hazardou	s Mat/Wast	te Storage	Area	Facility	D 07-000-773723		
	3225 Wilbur	Ave, Antioch 94509							Status Submitted on 2/25/2020 5:40 PM			
					Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)		
OOT Code/Fire Haz. O	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt EHS CAS No.		
		Non-RCRA Mixed Oil	Gallons	40	55	26	40		Oil			
		CAS No	State	Storage Container		Pressue	Waste Code					
			Liquid	Steel Drum		Ambient	221					
		Map: Figure 2 Grid: B8, C3	Туре			Temperature	***					
			Waste	Days on Site: 90		Ambient						
		Non-RCRA Solids (Oily Debris)	Pounds	1600	500	1056	3570					
		CAS No		Storage Container		Pressue	Waste Code	•••				
			Solid	Steel Drum		Ambient	223					
		Map: Figure 2 Grid: B8, C3	Туре			Temperature	***					
			Waste	Days on Site: 90		Ambient						
		RCRA Liquid Lab Bench Waste	Gallons	37	30	25	101	- Health Skin	Sulfuric Acid			
		CAS No		Storage Container		Pressue	Waste Code	Corrosion				
			Liquid	Plastic/Non-metal	ic Drum	Ambient	791	Irritation - Health Serious				
		Map: Figure 2 Grid: B8, C3	Type Waste	Days on Site: 90		Temperature Ambient		Eye Damage Eye Irritation				

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		Hazardou	ıs Materials A	And Waste	s Inventory	Matrix F	Report				
,	&E &E GATEWAY GENERATING STATION 5 Wilbur Ave, Antioch 94509			Chemical Loca		y Steam G	ienerators) - A	and B		10018894 07-000-773723 Submitted on 2/25	
				Quantities		Annual Waste	Federal Hazard		Н	lazardous Components (For mixture only)	
OT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Na	me	% Wt	EHS CAS No.
OT: 2.2 - Nonflammab	Map: Figure 2 Grid: B5	Gas C	1344 torage Container Cylinder Days on Site: 365	336	1344 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Argon		100 %	
DT: 2.2 - Nonflammab	le Gases EPA Protocol Gas (Carbon Monoxide/Nitrogen Mixture) CAS No Map: Figure 2 Grid: B5	Gas C	1440 torage Container Cylinder	144	1440 Pressue > Ambient Temperature Ambient		- Physical Gas	Nitrogen Carbon Mono	oxide	88 % 13 %	7727-37-9 630-08-0
OOT: 2.2 - Nonflammab	le Gases EPA Protocol Gas Carbon Monoxide 11/Nitric/Nitrogen Mixture CAS No	Gas C	864 torage Container Cylinder Days on Site: 365	144	864 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant	Nitrogen Nitric Oxide Carbon Mond	oxide	99 % 1 % 10 %	7727-37-9 10102-43- <u>9</u> 630-08-0
OT: 2.2 - Nonflammab	Map: Figure 2 Grid: B5 Ie Gases EPA Protocol Gas Carbon Monoxide 660/Nitric/Nitrogen Mixture CAS No Map: Figure 2 Grid: B5	Gas C	864 torage Container Cylinder Days on Site: 365	144	864 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant	Nitrogen Nitric Oxide Carbon Monc	oxide	99 % 1 % 20 %	7727-37-9 10102-43-9 630-08-0
OT: 2.2 - Nonflammab		State S Gas C Type	576 torage Container Cylinder Days on Site: 365	144	576 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant	Nitrogen Nitric Oxide		99 % 2 %	7727-37-9 10102-43-9
OT: 2.2 - Nonflammab	le Gases EPA Protocol Gas Nitrogen/Oxygen Mixture CAS No Map: Figure 2 Grid: B5	Gas C	1152 torage Container Cylinder Days on Site: 365	144	1152 Pressue > Ambient Temperature Ambient	Waste Code	- Physical Gas Under Pressure - Health Simple Asphyxiant	Nitrogen Oxygen		99 % 20 %	7727-37-9 7782-44-7
OT: 2.2 - Nonflammab		Gas C	1344 torage Container Cylinder Days on Site: 365	336	1344 Pressue > Ambient Temperature Ambient		- Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Helium		100 %	7440-59-7

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			Hazardo	us Materials <i>i</i>	And Waste	s Inventory	/ Matrix	Report				
Facility Name PC		EWAY GENERATING STATION Ave, Antioch 94509			Chemical Loca HRSGs (H		y Steam	Generators) - A	and B	CERS ID Facility II Status	10018894 07-000-773723 Submitted on 2/25	
DOT Code/Fire Haz. Class	s	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Na		Hazardous Components (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflamma Oxidizing Gas, Gaseou	able Gases	Oxygen, Compressed CAS No 7782-44-7	Cu. Fee		281	1124		- Physical Gas le Under Pressure - Physical Oxidize	Oxygen		100 %	7782-44-7
		Map: Figure 2 Grid: B3, B5	Type Pure	Days on Site: 365		Temperature Ambient		 Health Hazard Not Otherwise Classified 				,

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		Hazardou	ıs Materials <i>i</i>	And Waste	s Inventor	y Matrix	Report			
	TEWAY GENERATING STATION • Ave, Antioch 94509			•		-	Generators) - A	A and B, Fac	RS ID 10018894 cility ID 07-000-773723 atus Submitted on 2/2	
OOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) 9 Wt	EHS CAS No.
OOT: 2.2 - Nonflammable Gases	Nitrogen, Compressed CAS No 7727-37-9 Map: Figure 2 Grid: B5,C4,C5,C6	Gas C		251	3263 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas	Nitrogen	100 %	7727-37-9

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		Hazardo	us Materials <i>i</i>	And Waste	s Inventory	y Matrix	Report			
,	GATEWAY GENERATING STATION /ilbur Ave, Antioch 94509			Chemical Local Hydrogen	ation Bulk Storag	де		CERS ID 10018894 Facility ID 07-000-773723 Status Submitted on 2/25/2020 5		
				Quantities		Annual Waste	Federal Hazard		Hazardous Components (For mixture only)	
OOT Code/Fire Haz. Class DOT: 2.1 - Flammable Gases	CAS No.		Max. Daily 134000 Storage Container Other	134000	Avg. Daily 134000 Pressue > Ambient	Amount Waste Code	- Physical Flammable - Physical Gas	Hydrogen	% Wt 100 %	1333-74-0
idililiasic das	1333-74-0 Map: Figure 2 Grid: D1	Туре	Days on Site: 365		Temperature Ambient		Under Pressure - Health Simple Asphyxiant - Health Hazard			
							Not Otherwise Classified			

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		Hazardous	Materials .	And Waste	s Inventory	/ Matrix	Report			
	kE KE GATEWAY GENERATING STATION Wilbur Ave, Antioch 94509			Chemical Loca Nitrogen	ation Bulk Storage	e		CERS ID Facility II Status	10018894 07-000-773723 Submitted on 2/2	
DOT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflammable	CAS No 7727-37-9 Map: Figure 2 Grid: D2	Gas Cy Type	10944 prage Container rlinder ays on Site: 365	304	10944 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Nitrogen	100 %	7727-37-9

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		Hazardo	us Materials A	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	PG&E			Chemical Loca				CERS ID		_
Facility Name	PG&E GATEWAY GENERATING STATION 3225 Wilbur Ave, Antioch 94509			Pnospnat	e Feed Skid			Facility II Status	D 07-000-773723 Submitted on 2/2	
				Quantities		Annual Waste	Federal Hazard		Hazardous Component (For mixture only)	rs .
DOT Code/Fire Haz. 0	Class Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	NALCO BT-3400 CAS No Map: Figure 2 Grid: B4	Liquid Type	400 Storage Container Tote Bin Days on Site: 365	400	400 Pressue Ambient Temperature Ambient	Waste Cod	- Health Skin le Corrosion Irritation - Health Serious Eye Damage Eye Irritation	Sodium Hydroxide Proprietary	5 % 99 %	1310-73-2

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			Hazardo	ous Materials A	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org. Facility Name		TEWAY GENERATING STATION Ave, Antioch 94509			Chemical Loca Plant Serv	ition vices Buildin	ng		CERS ID Facility Status	3 5/2020 5:40 PM	
DOT Code/Fire Haz. (DOT: 8 - Corrosive: Solids) Corrosive, Water R 2	s (Liquids and	GNB Flooded HCT 37 Lead Acid Battery CAS No Map: Figure 2 Grid: B4	Unit Gallons State Liquid Type Mixture	Max. Daily 5 834 Storage Container Other Days on Site: 365	Quantities Largest Cont. 14	Avg. Daily 834 Pressue Ambient Temperature Ambient	Annual Waste Amount Waste Code	Federal Hazard Categories - Physical Explosive - Physical Corrosive To Metal - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Component Name Lead Sulfuric Acid Lead Dioxide	Hazardous Component (For mixture only) % Wt 52 % 44 % 21 %	EHS CAS No. 7439-92-1 7664-93-9 1309-60-0

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		Hazardo	ous Materials A	nd Waste	s Inventor	y Matrix I	Report			
CERS Business/Org. Facility Name	PG&E PG&E GATEWAY GENERATING STATION 3225 Wilbur Ave, Antioch 94509			Chemical Loca	Treatment	CERS ID 10018894 Facility ID 07-000-773723 Status Submitted on 2/25/2020 5:40 PM				
DOT Code/Fire Haz.	Class Common Name Sodium Bisulfite CAS No Map: Figure 2 Grid: C2	Unit Gallons State Liquid Type Mixture		Quantities Largest Cont. 50	Avg. Daily 50 Pressue Ambient Temperature Ambient	Annual Waste Amount Waste Code	Federal Hazard Categories - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Component Name Sodium Bisulfite	Hazardous Component: (For mixture only) % Wt 20 %	EHS CAS No. 763-90-5
Corrosive	Sodium Hydroxide CAS No Map: Figure 2 Grid: C2	Gallons State Liquid Type Pure	Storage Container Aboveground Tank Days on Site: 365	75	75 Pressue Ambient Temperature Ambient	Waste Code	- Physical Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious Eye Damage Eye Irritation	SODIUM HYDROXIDE	100 %	1310-73-2

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		Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report			
Facility Name PC	G&E G&E GATEWAY GENERATING STAT 125 Wilbur Ave, Antioch 94509	ION		Chemical Loc Sodium H		(Elect Ed	quipment) Brea	CERS ID kers Facility I Status	10018894 D 07-000-773723 Submitted on 2/2	
DOT Code/Fire Haz. Class	s Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Component Name	Hazardous Component (For mixture only) % Wt	EHS CAS No.
DOT: 2.2 - Nonflammat	CAS No	Gas D5,D6 Type	storage Container Other Days on Site: 365	639	2043 Pressue > Ambient Temperature Ambient	Waste Cod	- Physical Gas Under Pressure - Health Simple Asphyxiant - Health Hazard Not Otherwise Classified	Sulfur Hexafluoride	100 %	2551-62-4

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ntion			CERS ID 100	18894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			ST Electro	-Hydraulic (Control S	ystem	Facility ID 07-	00-77372	23
	3225 Wilbur	Ave, Antioch 94509							Status Sub	nitted on 2/	25/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		ous Componer mixture only)	nts
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquid	ł, Class III-B	Hydraulic Oil CAS No	Liquid	130 Storage Container Other	130	130 Pressue Ambient	Waste Cod	ie	Highly refined mineral oil (C C50)	15 - 99 %	
1	•	Map: Figure 2 Grid: C4	Type Mixture	Days on Site: 365		> Ambient					

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			Hazardo	us Materials /	And Waste	s Inventory	/ Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 10	018894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			ST Excitat	ion Transfo	rmer		Facility ID 07	-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status Su	omitted on 2/2	25/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		dous Componen r mixture only)	ts
DOT Code/Fire Haz. C	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
Combustible Liquid	l, Class III-B	Mineral Oil CAS No Map: Figure 2 Grid: C4	Liquid Type	414 Storage Container Other Days on Site: 365	414	414 Pressue Ambient Temperature > Ambient	Waste Cod	le	Dielectric Oil (highly refine petroleum oil)	d 100 %	

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			Hazardo	us Materials <i>l</i>	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ation			CERS ID	10018894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			ST Main S	tep-Up Trar	nsformer	•	Facility ID	07-000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status	Submitted on 2/2	5/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard	н	lazardous Component (For mixture only)	S
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Mineral Oil CAS No		14143 Storage Container Other	14143	14143 Pressue Ambient	Waste Cod	le	Dielectric Oil (highly re petroleum oil)	fined 100 %	
Combustible Liquid	d, Class III-B	Map: Figure 2 Grid: C4	Type Mixture	Days on Site: 365		Temperature > Ambient					

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			Hazardo	ous Materials A	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	ition			CERS ID 100	18894	
Facility Name	PG&E GA	TEWAY GENERATING STATION			Steam Tu	rbine Lube	Oil Reser	voir	Facility ID 07-	000-77372	3
	3225 Wilbur	Ave, Antioch 94509							Status Sub	nitted on 2/2	25/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard		ous Componen mixture only)	ts
DOT Code/Fire Haz. O	Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
		Refined Petroleum Oil	Gallons	4800	4800	4800			Highly Refined Petroleum O	il 99 %	
Combustible Liquic	l, Class III-B	CAS No	State Liquid	Storage Container Other	 .	Pressue Ambient	Waste Cod	le	Proprietary Additives	5 %	
		Map: Figure 2 Grid: C4	Type Mixture	Days on Site: 365		Temperature > Ambient					,

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		Hazardou	us Materials /	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	PG&E			Chemical Loca	ition			CERS ID 100	18894	
Facility Name	PG&E GATEWAY GENERATING STATION			Stormwat	er Treatme	nt Syster	n	Facility ID 07-0	00-77372	3
	3225 Wilbur Ave, Antioch 94509							Status Sub r	nitted on 2/2	5/2020 5:40 PM
				Quantities		Annual Waste	Federal Hazard		ous Component mixture only)	ts
DOT Code/Fire Haz.	Class Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	HaloKlear BHR-50	Gallons	275	275	275		- Physical	Aluminum chloride hydroxid	e 30 %	39290-78-3
	CAS No		Storage Container Fote Bin		Pressue Ambient	Waste Cod		sulfate		
Corrosive	Map: Figure 2 Grid: C9	Type Mixture [Days on Site: 365		Temperature Ambient		 Health Serious Eye Damage Eye Irritation 			,

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			Hazardo	ous Materials <i>i</i>	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org.	PG&E				Chemical Loca	tion			CERS ID	10018894	
Facility Name	PG&E GAT	TEWAY GENERATING STATION			Switchyar	d			Facility I	D 07-000-773723	
*		Ave, Antioch 94509			,,	_			Status	Submitted on 2/2!	
	3223 7734.	7.1.0,7.11.1.00.1.5.1.005					Annual		Status	Hazardous Component	•
					Quantities		Waste	Federal Hazard		(For mixture only)	,
DOT Code/Fire Haz. C	lass	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
DOT: 8 - Corrosives	(Liquids and	KCR-7 Lead Calcium Batteries	Gallons	90	1.5	90		- Physical	Lead Calcium	52 %	7439-92-1
Solids)			State	Storage Container		Pressue		Explosive			
Corrosive, Water Ro	oactivo Class	CAS No	Liquid	Other	•••	Ambient	Waste Code	Physical	Sulfuric Acid	44 %	√ 7664-93-9
2	eactive, Class	Map: Figure 2 Grid: D4	Туре			Temperature		Corrosive To	Lead Dioxide	21 %	1309-60-0
_		mapringare 2 Gilary		Days on Site: 365		Ambient		Metal			
				,				- Health			
								Carcinogenicity			
								- Health Acute			
								Toxicity			
								- Health			
								Reproductive			
								Toxicity			
								- Health Skin			
								Corrosion			
								Irritation			
								- Health			
								Respiratory Skin Sensitization			
								- Health Serious			
								Eye Damage Eye			
								Irritation			
								- Health Specific			
								Target Organ			
								Toxicity			
								TORICITY			

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		Hazardo	ous Materials <i>i</i>	And Waste	s Inventor	/ Matrix I	Report			
· -	&E &E GATEWAY GENERATING STATION 5 Wilbur Ave, Antioch 94509			Chemical Loca Warehous				Facility ID 07	018894 -000-773723	
322	5 Wilbut Ave, Attioch 94309			Quantities		Annual Waste	Federal Hazard	Hazaro	omitted on 2/25 dous Components r mixture only)	
OT Code/Fire Haz. Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Gas Turbine Compressor Cleani	ng Gallons	264	264	264			Cleaning Fluid		
	Fluid	State	Storage Container	•••	Pressue	Waste Code				
	CAS No	Liquid	Tote Bin		Ambient					
	Map: Figure 2 Grid: B8-9	Type Mixture	Days on Site: 365		Temperature Ambient					1
	HaloKlear BHR-50	Gallons	275	275	275		- Physical	Aluminum chloride hydrox	ide 30 %	39290-78-3
	CAS No	State	Storage Container		Pressue		Corrosive To	sulfate		
arracius		Liquid	Tote Bin		Ambient	Waste Code	਼ਾਮਾਦਾਰ। - Health Serious			
orrosive	Map: Figure 2 Grid: B8-9	Type			Temperature		Eye Damage Eye			
		Mixture	Days on Site: 365		Ambient		Irritation			
	NALCO BT-3400	Gallons	55	55	55		- Health Skin	Sodium Hydroxide	5 %	1310-73-2
	CAS No	State	Storage Container		Pressue	Waste Code		Proprietary	99 %	
		Liquid	Plastic/Non-metal	ic Drum	Ambient		Irritation			
	Map: Figure 2 Grid: B8-9	Туре			Temperature		- Health Serious			
		Mixture	Days on Site: 365		Ambient		Eye Damage Eye Irritation			
	NALCO Trac107	Gallons	5 55	55	55		- Health Skin	Sodium Hydroxide	1 %	1310-73-2
	CAS No	State	Storage Container		Pressue	Waste Code	Corrosion	Inorganic Salt	5 %	
	CAS NO	Liquid	Plastic/Non-metal	ic Drum	Ambient		Irritation	Proprietary	99 %	
	Map: Figure 2 Grid: B8-9	Type			Temperature		- Health Serious			
	· -	Mixture	Days on Site: 365		Ambient	-	Eye Damage Eye Irritation			
	Petroleum Distillate	Gallons	5 55	55	55		iiiialioii	Severely Hydrotreated Nap	hthenic 100 %	64742-53-6
		State	Storage Container	33	Pressue			Petroleum Oil		
	CAS No	Liquid	Steel Drum	•••	Ambient	Waste Code		BHT	0 %	128-37-0
ombustible Liquid, Cla	ss III-B Map: Figure 2 Grid: B8-9	Туре			Temperature					
			Days on Site: 365		Ambient					
	Sodium Hydroxide (10-50%)	Gallons	55	55	55		- Physical	SODIUM HYDROXIDE	50 %	1310-73-2
orrociuo	CAS No	State	Storage Container		Pressue	Waste Code	Corrosive To Metal			
orrosive	1310-73-2	Liquid	Plastic/Non-metal	ic Drum	Ambient		- Health Skin			
	Map: Figure 2 Grid: B8-9	Type	Davis on Sitor 205		Temperature		Corrosion			
		iviixture	Days on Site: 365		Ambient		Irritation			
							- Health Serious			
							Eye Damage Eye			
							Irritation			

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		Hazard	ous Materials <i>i</i>	And Waste	s Inventor	y Matrix I	Report			
acility Name PC	G&E G&E GATEWAY GENERATING STATION 25 Wilbur Ave, Antioch 94509			Chemical Loca Warehous		ous Mat/V	Vaste Storage	Facility ID 0	.0018894 07-000-773723 ubmitted on 2/25	
						Annual			ardous Components	
OT Code/Fire Use Class	Common Name	Heit	May Deily	Quantities	Aug Deilu	Waste	Federal Hazard	-	For mixture only)	EHS CAS No.
OOT Code/Fire Haz. Class	NON-RCRA Hazardous Solids	Pound	Max. Daily s 15	Largest Cont.	Avg. Daily 10	Amount 30	Categories	Component Name Empty Drums	% Wt 100 %	EHS CAS NO.
	(Empty Drums)	State	Storage Container	300	Pressue	Waste Code				
	· · · ·	Solid	Steel Drum	•••	1103340	512				
	CAS No	Туре			Temperature					
	Grid: B8, C3	Waste	Days on Site: 365							
	NON-RCRA Hazardous Waste	Gallon	s 96	55	63	96		Oil, Water	100 %	
	Liquid (Oil, Water)	State	Storage Container	•••	Pressue	Waste Code	<u></u>			
	CAS No	Liquid	Steel Drum		Ambient	223				
		Type	D		Temperature					
	Grid: B8, C3	Waste	Days on Site: 365		Ambient			Oil Mater Cl. de-	400.07	
	NON-RCRA Hazardous Waste	Gallon		1600	1056	2550		Oil, Water, Sludge	100 %	
	Liquid (Oil, Water, Sludge)	State Liquid	Storage Container Tank Wagon	•••	Pressue Ambient	Waste Code 222				
	CAS No	Туре	Tunk Wagon		Temperature					
	Grid: B8, C3	Waste	Days on Site: 365		Ambient					
	RCRA Waste Paint, Liquids	Gallon		55	27	89		Waste Paint, Liquids		1
	·	State	Storage Container	33	Pressue	Waste Code		•		
	CAS No	Liquid	Steel Drum		Ambient	352	•••			
	Map: Figure 2 Grid: B8, C3	Type			Temperature					
		Waste	Days on Site: 90		Ambient					
	Shell Tellus Oil 32	Gallon		55	55			Highly refined mineral oi additives	is and	
	CAS No	State	Storage Container Steel Drum	•••	Pressue	Waste Code		additives		
Combustible Liquid, Cla	ass III-B Map: Figure 2 Grid: B8	Liquid	Steel Druin		Ambient Temperature					
	iviap. Figure 2 Grid. Bo	Type Mixture	Days on Site: 365		Ambient					
	CL III L O'I DDAG							Highly Refined Petroleun	n Oil 99 %	
	Shell Turbo Oil DR46	Gallon		55	55 Brossus	Waste Code		Proprietary Additives	1 %	
ombustible Liquid, Cla	ass III-B CAS No	State Liquid	Storage Container Steel Drum	•••	Pressue Ambient	waste code		- p	_ ,-	
•	Map: Figure 2 Grid: B8	Туре	5000. 2. 0		Temperature					
			Days on Site: 365		Ambient					
	Universal Waste - eWaste	Pound		500	330	1070				
	CAS No	State	Storage Container		Pressue	Waste Code				
		Solid	Steel Drum		Ambient	181				
	Map: Figure 2 Grid: B8, C3	Type Waste	Days on Site: 90		Temperature Ambient					
	WASTE SAND BLAST SAND NON			500	264	1100				
	RCRA	State	Storage Container	300	Pressue	Waste Code				
		Solid	Steel Drum		Ambient	181				
	CAS No	Type			Temperature					
	Map: Figure 2 Grid: B8, C3	Waste	Days on Site: 365		Ambient					

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			Hazardo	us Materials A	And Waste	s Inventory	y Matrix	Report			
CERS Business/Org. Facility Name		FEWAY GENERATING STATION Ave, Antioch 94509				se, Behind (•		uilding and Facility ID 07-00 Mat/Waste Status Submit	0-77372	3 5/2020 5:40 PM
					Quantities		Annual Waste	Federal Hazard	(For mix	Component cture only)	
DOT Code/Fire Haz. C		Common Name Shell S3 BA 150 CAS No		Storage Container	Largest Cont.	Avg. Daily 67 Pressue	Amount Waste Code	Categories	Component Name HIGHLY REFINED BASE OILS	% Wt 99 %	EHS CAS No. 64742-54-7
Combustible Elquid	i, Class III-D	Map: Figure 2 Grid: C4, B8-9	Type Mixture	Plastic Bottle or Jug Days on Site: 365		Ambient Temperature Ambient			HIGHLY DEFINED DAGE OUG	00.0/	64742.54.7
Combustible Liquid	I, Class III-B	Shell T68 CAS No		50 Storage Container Plastic Bottle or Jug	5	33 Pressue Ambient	Waste Code	<u>!</u>	HIGHLY REFINED BASE OILS	99 %	64742-54-7
		Map: Figure 2 Grid: C4, B8-9		Days on Site: 365		Temperature Ambient					
Combustible Liquid	I, Class III-B	CAS No Map: Figure 2 Grid: C4, B8-9	Liquid Type	50 Storage Container Plastic Bottle or Jug Days on Site: 365	5	33 Pressue Ambient Temperature Ambient	Waste Code	<u>.</u>	Highly refined mineral oils and additives		
Combustible Liquid	I, Class III-B	Shell Turbo Oil T 46 CAS No Map: Figure 2 Grid: C4, B8-9	Liquid Type	50 Storage Container Plastic Bottle or Jug Days on Site: 365	5	33 Pressue Ambient Temperature Ambient	Waste Code	·	HIGHLY REFINED BASE OIL	90 %	64741-97-5

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		Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report			
CERS Business/Org.	PG&E			Chemical Loca	ntion			CERS ID 10018	8894	
Facility Name	PG&E GATEWAY GENERATING STATION			Warehou	se, Behind I	Plant Ser	vices Building	Facility ID 07-00	0-77372	3
	3225 Wilbur Ave, Antioch 94509							Status Submit	ted on 2/2	5/2020 5:40 PM
				Quantities		Annual Waste	Federal Hazard		Component cture only)	cs
OOT Code/Fire Haz. O	Class Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.
	Gear Lubricant (Shell Omala S4 GX 320)	State	Storage Container	5	170 Pressue	Waste Coo	le	Highly Refined Petroleum Oil Proprietary Additives	99 % 1 %	
	CAS No Map: Figure 2 Grid: B8-9, C4	Liquid Type Mixture	Plastic/Non-meta Days on Site: 365		Ambient Temperature Ambient					

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	Hazardo	ous Materials A	And Waste	s Inventory	y Matrix I	Report			
GATEWAY GENERATING STATION Ibur Ave, Antioch 94509					ater Treat	ment System	CERS ID Facility ID Status		
Cananan Nama	Heib	May Daily	Quantities	Aug Deilu	Annual Waste	Federal Hazard		(For mixture only)	EHS CAS No.
Sodium Hydroxide (10-50%) CAS No Map: Figure 2 Grid: C9, B8-9	Gallons State Liquid Type	30 Storage Container Plastic Bottle or Jug	30	15 Pressue Ambient	Waste Code	- Physical	SODIUM HYDROXIDE	% Wt 50 %	1310-73-2
	Common Name Sodium Hydroxide (10-50%) CAS No	Common Name CAS No CAS No Map: Figure 2 Grid: C9, B8-9 CATEWAY GENERATING STATION Unit Common Name Unit Gallons State Liquid	Common Name CAS No C	Chemical Loc Warehout bur Ave, Antioch 94509 Common Name Common Name Unit Max. Daily Largest Cont. Sodium Hydroxide (10-50%) CAS No CAS No Map: Figure 2 Grid: C9, B8-9 Chemical Loc Warehout Aux Daily Largest Cont. Plastic Bottle or Jug Type	Chemical Location Warehouse, Stormware bur Ave, Antioch 94509 Common Name	Chemical Location Warehouse, Stormwater Treat Bur Ave, Antioch 94509 Tommon Name Common Name Unit Max. Daily Largest Cont. Avg. Daily Amount Amount Amount Amount Max. Daily Largest Cont. Avg. Daily Amount Amount Amount Amount Pressue Ambient Liquid Plastic Bottle or Jug Map: Figure 2 Grid: C9, B8-9 Type Chemical Location Warehouse, Stormwater Treat Annual Waste Cont. Avg. Daily Amount Amount Amount Temperature	SATEWAY GENERATING STATION (bur Ave, Antioch 94509) Common Name	Common Name Unit Max. Daily Largest Cont. Avg. Daily Amount Categories Component Name Sodium Hydroxide (10-50%) CAS No Liquid Map: Figure 2 Grid: C9, B8-9 Chemical Location Warehouse, Stormwater Treatment System Quantities Quantities Quantities Quantities Quantities Quantities Annual Waste Waste Federal Hazard Component Name Component Name SoDIUM HYDROXIDE SoDIUM HYDROXIDE CAS No Liquid Plastic Bottle or Jug Ambient Type Mixture Days on Site: 365 Ambient Temperature Mixture Days on Site: 365 Ambient Temperature Health Skin Corrosion Irritation - Health Serious	CAS NO Map: Figure 2 Grid: C9, B8-9 CAS NO Marken STATION CERS ID COMMONE Stormwater Treatment System Status Submitted on 2/25 Annual Waste Federal Hazard Waste Federal Hazard Component Name Unit Max. Daily Largest Cont. Avg. Daily Amount Categories Corrosive To Ambient Liquid Plastic Bottle or Jug Mixture Days on Site: 365 Corrosion Irritation - Health Serious CERS ID 10018894 Annual Waste Tederal Hazard Annual Waste Federal Hazard Component Name Component Name Corrosive To Metal - Health Skin Corrosion Irritation - Health Serious

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		Hazardo	ous Materials A	nd Waste	s Inventory	y Matrix I	Report				
	GATEWAY GENERATING STATION lbur Ave, Antioch 94509			Chemical Loca Water Tre		lding / Fir	e Water Pump	House	CERS ID Facility Status	10018894 ID 07-000-773723 Submitted on 2/2	
OOT Code/Fire Haz. Class Combustible Liquid, Class II	Common Name Diesel Fuel CAS No 68476-34-6 Map: Figure 2 Grid: C1	Unit Gallons State Liquid Type Mixture	Max. Daily	Quantities Largest Cont. 500	Avg. Daily 500 Pressue Ambient Temperature Ambient		Federal Hazard Categories - Physical Flammable - Health Carcinogenicity - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Specific Target Organ Toxicity - Health Aspiration Hazard	Component I		Hazardous Component (For mixture only) % Wt 100 %	EHS CAS No.
OOT: 8 - Corrosives (Liquids Solids) Corrosive, Water Reactive, C	Battery	State Liquid Type	Storage Container Other Days on Site: 365	4.5	9 Pressue Ambient Temperature Ambient	" Waste Code	- Physical Explosive - Physical Corrosive To Metal - Health Carcinogenicity - Health Acute Toxicity - Health Reproductive Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation - Health Specific Target Organ Toxicity	Sulfuric Aci	d	35 %	√ 7439-92-1

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CERS Business/Org. Facility Name	PG&E PG&E GA	ATEWAY GENERATING STATION	Hazardous Materials And Wastes Inventory Matrix Report Chemical Location Water Treatment Chemical Storage						CERS ID 10018894 Facility ID 07-000-773723		
DOT Code/Fire Haz. (3225 Wilbur Ave, Antioch 94509 Class Common Name	Unit	Max. Daily	Quantities Largest Cont.	Avg. Daily	Annual Waste Amount	Federal Hazard Categories	Status Submitted on 2/25/2020 5:4 Hazardous Components (For mixture only) Component Name % Wt EHS CAS			
		NALCO 7408 CAS No Map: Figure 2 Grid: C2	Liquid Type	•	65	65 Pressue Ambient Temperature Ambient	Waste Code	- Health Skin	Sodium Bisulfite Proprietary	60 % 70 %	7631-90-5
Corrosive		NALCO Stabrex ST20 CAS No Map: Figure 2 Grid: C2	Liquid Type	65 Storage Container Plastic/Non-metal Days on Site: 365	65 iic Drum	65 Pressue Ambient Temperature Ambient	Waste Code	- Physical	Sodium Hydroxide Proprietary	5 % 99 %	1310-73-2

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			Hazardo	ous Materials	And Waste	s Inventor	y Matrix	Report				
CERS Business/Org. PG&E				Chemical Location						cers id 10018894		
Facility Name PG&E GATEWAY GENERATING STATION			WSAC Chem Feed Skid						Facility ID 07-000-773723			
	3225 Wilbur	Ave, Antioch 94509							Status	Submitted on 2/2	5/2020 5:40 PM	
			Quantities			Annual Waste	Federal Hazard	Hazardous Components (For mixture only)		s		
DOT Code/Fire Haz. (Class	Common Name	Unit	Max. Daily	Largest Cont.	Avg. Daily	Amount	Categories	Component Name	% Wt	EHS CAS No.	
DOT: 8 - Corrosives Solids)	s (Liquids and	NALCO 3D TRASAR 3DT447	Gallons	5 110 Storage Container	110	110 Pressue		- Health Skin Corrosion	Phosphoric Acid	5 %	7664-38-2	
Corrosive		CAS No Map: Figure 2 Grid: C3	Liquid Type	Plastic/Non-meta Days on Site: 365		Ambient Temperature Ambient	•••••	de_Irritation	Sulfuric Acid Tolyltriazole	5 % 5 %	✓ 7664-93-9 29385-43-1	

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ERS Business/Org.	PG&E	Chemical Location						CERS ID 10018894		
icility Name	PG&E GATEWAY GENERATING STATION 3225 Wilbur Ave, Antioch 94509	WSAC Chemical Feed Skid						Facility ID 07-000-773723 Status Submitted on 2/25/2020 5:40 PM		
DOT Code/Fire Haz. Cla				Quantities		Annual Waste	Federal Hazard Categories - Physical	Hazardous Components (For mixture only)		
	lass Common Name NALCO Stabrex ST70	Unit	Max. Daily	Largest Cont.	Avg. Daily 110			Component Name Sodium Hydroxide	% Wt 5 %	EHS CAS No. 1310-73-2
	CAS No Map: Figure 2 Grid: C3	Liquid F Type	Storage Container Plastic/Non-metal Days on Site: 365		Pressue Ambient Temperature Ambient	Waste Code	Metal - Health Acute Toxicity - Health Skin Corrosion Irritation - Health Respiratory Skin Sensitization - Health Serious Eye Damage Eye Irritation	Proprietary	99 %	

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