

AOI-3 Recausticizing Area AST.



AOI-3 Recausticizing Area AST.



Corrosion, staining and crystal precipitation from an AST in AOI-3, the Recausticizing Area.



Generator in Pump House in AOI-3. Product distribution lines extend from the 250-gallon AST to the generator, and the lines are rusted.



Oil staining on the concrete roof of a shed in the Recausticizing Area. Note attempt at containing the oil by placement of a section of roofing gutter beneath spill, directing the fluids to the bucket, and a hose from the bucket to another container (not shown).



Lime pile adjacent to AOI-3 Recausticizing Area AST; Water Treatment Plant in background.



Recausticizing Area Lime Pond.



The Water Treatment Plant. Photograph taken facing westerly.



Unlabeled 30-gallon garbage containers filled with unknown semi-solid material, located inside of the Water Treatment Plant.



Water Treatment Plant Lab.



Catwalk extending into the center of a clarifying pond at the Water Treatment Plant.



Water Treatment Plant water filters and softeners. Photograph taken facing northwesterly.



Recovery Boiler #3 located in AOI-1 Black Liquor Process and Recovery Area.

Photograph taken facing northeasterly.



Precipitation of unknown crystals adjacent to the smoke stack in AOI-1 Black Liquor Process and Recovery Area. Photograph taken facing northeasterly.



Iron staining and etching of concrete at base of smoke stack in AOI-1 Black Liquor Process and Recovery Area. Photograph taken facing northerly.



Oxidation and mineral precipitation of metal surfaces in AOI-1 Black Liquor Process and Recovery Area.



Ongoing demolition of Recovery Boilers 1 and 2 in AOI-1 Black Liquor Process and Recovery Area. Photograph taken facing northerly.



Corrosion of metal surfaces and concrete in AOI-1 Black Liquor Process and Recovery Area.



Machinery on ground floor of Recovery Boiler #3.



Oxidized and oil-stained motor mount in Recovery Boiler #3.



Oxidation of metal and ubiquitous mineralization of surfaces on ground floor of Recovery Boiler #3.



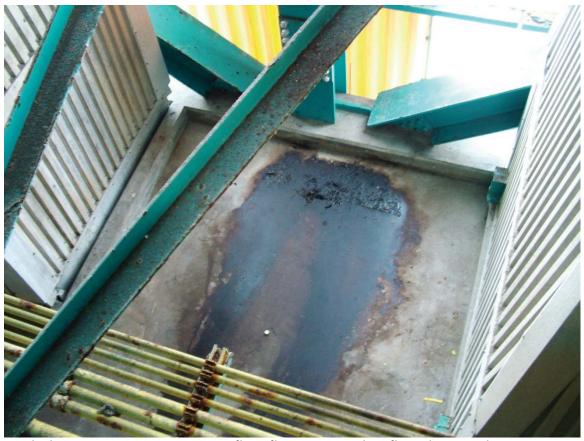
ASTs on racks in a secondary containment located on the northern side of Recovery Boiler #3.



Placard describing contents of ASTs from previous photograph.



Sulfuric Acid AST located on the western side of Recovery Boiler #3. Photograph taken facing southwesterly.



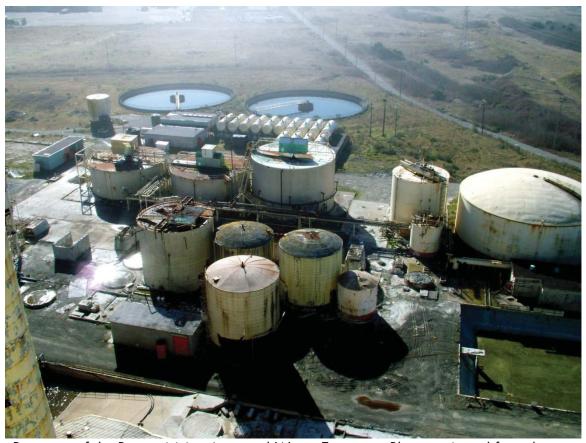
Black Liquor staining on concrete floor flowing towards a floor drain inside Recovery Boiler #3.



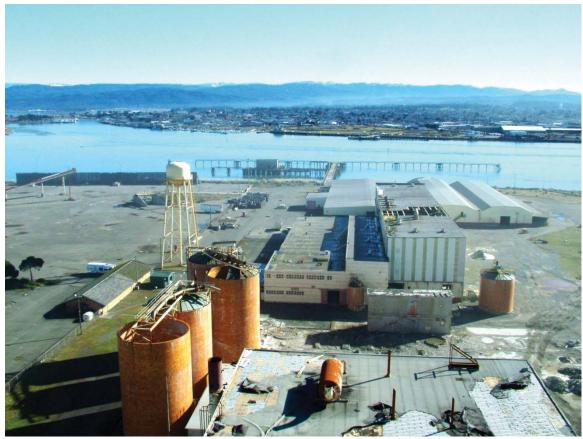
Weak liquor storage ASTs in AOI-1 Black Liquor Process and Recovery Area. Photograph taken facing northerly.



The Smoke Stack in AOI-1. Photograph taken facing northerly.



Remnants of the Recausticizing Area and Water Treatment Plant as viewed from the top of Recovery Boiler #3. Photograph oriented facing southwesterly.



Foreground to Background: Recovery Boilers 1 and 2, AST silos in the Bleach Plant Area, Transformer Building C, the Machine Building on the right, and Offices/Shops/Stores in middle, Fire Water Tower, Fire Suppression Shed, Warehouse 2 (far background right hand side), Warehouse 1 (far middle), docks, Humboldt Bay, and the City of Eureka in the background. Photograph taken facing southeasterly.



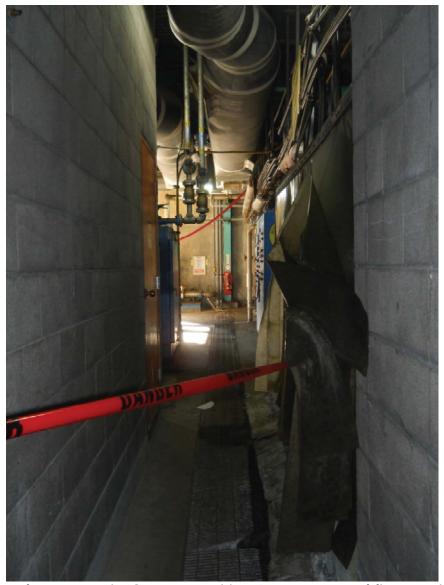
Monitoring Station 106 as viewed from the top of Recovery Boiler #3. Photograph taken facing northwesterly.



PG&E Inter-Tie Substation AA located northwesterly of AOI-1 Black Liquor Process and Recovery Area.



Electrical equipment inside the Capacitor Building located northerly of the Generator Building.



Unsafe entry into the Generator Building. Note presence of floor trench.



Monitoring Station 106 AST.



Monitoring Station 106 AST.



Demolition debris located on the southern side of the Bleach Plant; Recausticizing Area in background. Photograph taken facing westerly.



Gas cylinders in unlocked fenced compound located on the northern side of the Offices/Shops/Stores Building. Some cylinders were full. Photograph taken facing westerly.



AOI-10 Petroleum Hydrocarbon Storage Area. Photograph taken facing northeasterly.



1,000-gallon diesel AST in secondary containment at AOI-10 Petroleum Hydrocarbon Storage Area.



1,000-gallon Unleaded gasoline AST in secondary containment at AOI-10 Petroleum Hydrocarbon Storage Area. Photograph taken facing southwesterly.



1,000-gallon waste oil AST located at AOI-10 Petroleum Hydrocarbon Storage Area. Note evidence of overflow by the accumulation of oil on exterior of AST. Oil is present on water in the containment, and the fill gauge indicated the presence of oil above the level of the tank (i.e. oil fills the fill tube into the tank).



Used motor oil on top of water in a secondary containment at AOI-10 Petroleum Hydrocarbon Storage Area.



Chemical Parts Washer, compressor, and pressure washer in sheds on northern side of the Offices/Shops/Stores Building.



Close up view of chemical parts washer located in the Oil Storage Area.



The bottom of the chemical parts washer from the previous photograph.



Propane tank in a secondary containment located northerly of Warehouse 1. Photograph taken facing southeasterly.



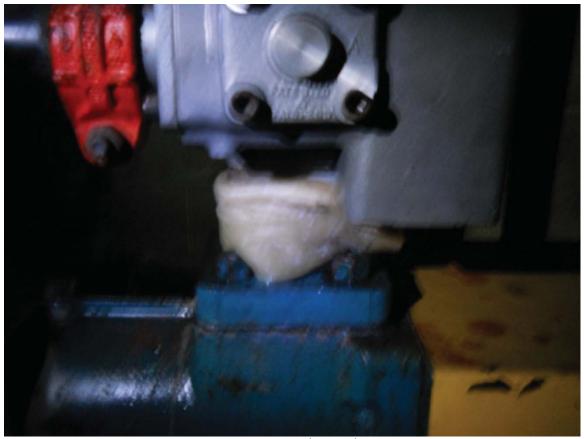
Substation C housing an electrical transformer, building is adjacent to the Offices/Shops/Stores Building. Photograph taken facing northwesterly.



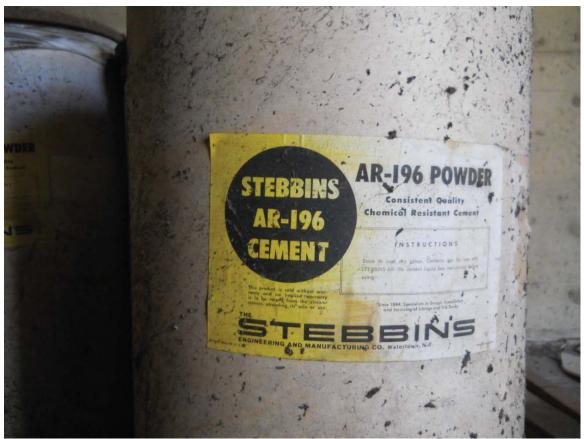
Bleach Plant ASTs used for bleach stock storage. Note discoloration of surfaces indicating leaking occurred. Photograph taken facing southwesterly.



Northern entrance to the Offices/Shops/Stores building.



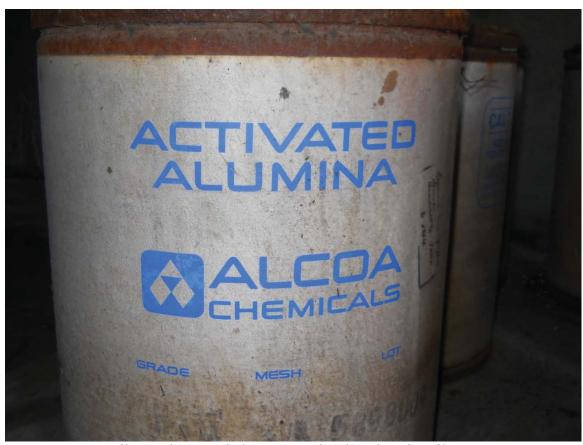
Adsorbent pad on hydraulic pump for Offices/Shops/Stores building elevator. Darkness was a limiting factor in this room.



Chemicals currently stored in the Fiberglass Shop.



Chemicals currently being stored in the Fiberglass Shop.



Chemicals currently being stored in the Fiberglass Shop.



Chemicals currently being stored in the Fiberglass Shop.



Mostly empty containers located in the Fiberglass Shop.



Excess fiberglass parts on the western side of the Sandblasting Shop. Photograph taken facing northerly.



A DOT drum labeled containing hazardous waste, drum is located in a storage shed attached to the southern side of Warehouse 2.



Oxidized DOT drums, labeled containing hazardous waste, located in a storage shed attached to the southern side of Warehouse 2.



A DOT drum labeled as hazardous waste located in a storage shed attached to the southern side of Warehouse 2.



Oxidized DOT drums and a pallet of chemicals in a storage shed attached to the southern side of Warehouse 2.



Inventorying DOT drums located in a storage shed attached to the southern side of Warehouse 2.



Hazardous Material containing DOT drums located in storage sheds attached to the southern side of Warehouse 2.



Hazardous Material containing DOT drums located in storage sheds attached to the southern side of Warehouse 2.



Non-PCB bearing transformer located in a storage shed attached to the southern side of Warehouse 2.



An AST located along the southern property boundary adjoining AOI-7 "The Boneyard".
Photograph taken facing southerly.

Phase 1 Environmental Site Assessment (ASTM E1527-05)
Former Louisiana Pacific Pulp Mill
APN# 401-112-021, Humboldt County, California

# APPENDIX O

**Chemical Cabinet Inventory** 



# TECHNICAL DEPARTMENT CHEMICAL CABINET INVENTORY

CHEMICAL	CABINET#	SECONDARY LOCATION
ABSORBANT PILLOWS FOR SPILLS	8	
ACETONITRILE	1	
ACTIVATED CHARCOAL	13	
ALUMINUM CHLORIDE	1	
AMBERLITE XAD-2-NONIONIC RESIN	1 .	
AMMONIUM CHLORIDE	1	
AMMONIUM HYDROXIDE	9, 21	
AMMONIUM MOLYBDATE	1	
ARSENAZO III	1	
ASBESTOS	1	•
BARIUM PERCHLORATE	1	
BETA PINENE	1	
BETZ FOAMTROL 2021	FLOOR	
BROM THYMOL BLUE	2	
BROMOCRESOL GREEN	2	
BROMOPHENOL BLUE	2	
BUFFERSCALCIUM ACETATE	12	NIGHT SHELF, WORK BENCH
CALCIUM ACETATE	1	
CALCIUM CARBONATE	1	· · · · ·
CALCIUM CHLORIDE DIHYDRATE	1	
CALCIUM HYPOCHLORITE TECH. GRADE	1 -	of the second se
CALCIUM OXIDE	1	
CAMPHENE	1	
CARBOPACK B HT-100	1	
CARENE	1	
CITRIC ACID	1, 20	
COPPER SULFATE ETCHING SLOUTION	1	
COPPER METAL	1	
CUPIETHYLENE DIAMINE 0.167 M	18,19	NIGHT SHELF
CUPIETHYLENE DIAMINE 1 M	18,19	NIGHT SHELF
CUPRIC ACETATE	1	
CUPRIC SULFATE	1	
DICHLOROMETHANE	7	SOLVENT CAB
DISODIUM ETHYLENE DIAMINE TETRAACETATE (EDTA)	1	
DISODIUM ETHYLENEDINITRILO TETRAACETATE	1	
DODECYL SODIUM SULFATE	1	
ECOPULP TX 1005	4	•
FERROUS AMMONIUM SULFATE	1	
FERROUS SULFATE	. 1	-
FLUORESCEIN	1,6	
FORMALDEHYDE 37% SOLUTION	7	
FYRITE	5	
GLYCERIN	1 🕙	
HYDROBROMIC ACID	8	REFRIGERATOR
HYDROGEN PEROXIDE	18	REFRIGERATOR
HYDROXYLAMINE SULFATE 99% NEUTRAL	1	
IODINE	1	
LIMONENE	1	
LIQUI-NOX SOAP	6	
Calcium Vitrate		
·	•	

# TECHNICAL DEPARTMENT CHEMICAL CABINET INVENTORY

CHEMICAL	CABINET#	SECONDARY LOCATION
LITHIUM CARBONATE	1	
LITHIUM CHLORIDE	FLOOR	BARREL ON FLOOR
LITHIUM TETRABORATE	1	
MAGNESIUM	1	
MAGNESIUM CARBONATE	1	
MAGNESIUM CHLORIDE	1	
MAGNESIUM OXIDE	1	
MAGNESIUM SULFATE	10	
MANGANESE COLOR SOL	14	
MERCURY COLLECTORS (FOR SPILLS)	12	
MERCURY DIRTY		
METHYL ORANGE	2	
METHYL RED HYDROCHLORIDE	2	
METHYL RED SODIUM SALT	2	•
MOLYBDIC ACID	2	
NALCO 93PF 168		
NOVASTRIP	6	
OXALIC ACID.	2	
PEL	4	
PENE GROUT	20	
PERCHLORIC ACID.	18	
PERGALSAE	2	
PHENATHROLINE 1,10.	2	
PHENOL	2	
PHENOL RED.	2	
PHENOPHTHALEIN.		NIGHT SHELF, WORK BENCH
PHOSPHORIC ACID.		, riorii onimali, riorii omitoti
PLATINUM COBALT COLOR STANDARD		STATION #7 DR 2000 DRAWER
POLYMIN SKA	4	
POTASSIUM BIPHTHALATE	2	
POTASSIUM BROMIDE		
POTASSIUM CARBONATE	2	
POTASSIUM CHLORIDE	2	
POTASSIUM CHLOROPLATINATE	2	
POTASSIUM CHROMATE	2	
POTASSIUM CITRATE	2	
POTASSIUM DICHROMATE	2	
POTASSIUM DICHROMATE CLEANING SOLUTION	16	
POTASSIUM FERRICYANIDE		
POTASSIUM FERROCYANIDE	2	
POTASSIUM HYDROXIDE	2	
POTASSIUM IODATE	2	
POTASSIUM IODIDE	2	HOOD #1
POTASSIUM PERMANGANATE	2	11000#1
POTASSIUM PERMANGANATE	2	
•	2	
POTASSIUM PHOSPHATE MONOBASIC	2	
POTASSIUM THIOCYANATE		
SALICYLIC ACID	3	
SILICA GEL	3	

# TECHNICAL DEPARTMENT CHEMICAL CABINET INVENTORY

CHEMICAL	CABINET#	SECONDARY
AU ) (TR AU ) ARIOT		LOCATION
SILVER CHLORIDE	3	•
SILVER NITRATE	3	
SILVER SULFATE	3	
SODA ASH (FOR SPILLS)		
SODIUM ACETATE	3	HOOD #1
SODIUM AMMONIUM PHOSPHATE	3	
SODIUM AZIDE	4	•
SODIUM BICARBONATE	4	HOOD #1
SODIUM BISULFITE SOLUTION 38%	17	
SODIUM BORATE	3	
SODIUM CARBONATE	3	(1° STD.) HOOD #1
SODIUM CHLORIDE		(* *****)******************************
SODIUM DICHROMATE	3	
SODIUM HYDROSULFIDE	3	
SODIUM HYDROXIDE	3,9	
SODIUM META BISULFITE	5	
SODIUM META BIGGETTE	3	
SODIUM MOLYBDATE	4	
SODIUM OXALATE 1° STD	3	
	3 3	
SODIUM PEROXIDE	3 3	
SODIUM PHOSPHATE DIBASIC	-	
SODIUM SILICATE	3	
SODIUM SULFATE	4	
SODIUM SULFIDE	3	
SODIUM SULFITE	4	<i>4</i>
SODIUM TARTRATE	4	
STARCH DRY	5	
STARCH SOLUBLE	3	
STRONTIUM CHLORIDE-6-HYDRATE	4	
SUCROSE	4	
SUDAN I	4	
SULFAMIC ACID	4	
TALC	4	
TAMOL 850	17	
THORIN	2	FREEZER
THYMOL BLUE	2	
THYMOLPHTHALEIN	2	
TINCTURE GREEN SOAP	6	
TRACING DYE	6	
TRICHLORO-1,2,2-TRIFLUROETHANE	7	
VANILLIN	4	SOLVENT CAB
XYLENE CYANOLE FF	2	OCEVEINI OAD
	4	
ZINC SULFATE	4	

Phase 1 Environmental Site Assessment (ASTM E1527-05)
Former Louisiana Pacific Pulp Mill
APN# 401-112-021, Humboldt County, California

# APPENDIX P

Owner Interview Responses





# Designation: E 1528 – 06 Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process

Description of Site Address

APN 401-112-021		
1 TCF Drive		
Samoa CA		

Question		Owner		Occupa	ants (if a	pplicable)	Observed During Site Visit			If yes, provide description
1a. Is the <i>property</i> used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Used as a lumber mill and converted to a pulp mill
1b. Is any adjoining property used for an industrial use?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Lumber mill
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	The pulp mill is being dismantled
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	The adjoining property was historically known as a lumber mill
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	The property was used to repair equipment including vehicles and included fueling stations. Dredging materials from the bay are present on the site.
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	It is likely that the adjoining property also included repair equipment including vehicles and included fueling stations.
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial										Fueling stations and AST's were noted.

Question		Owner		Occupants (if applicable)		Observed During Site Visit			If yes, provide description	
										, , , , , , , , , , , , , , , , , , , ,
printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	The previous sawmill included fueling stations and AST's
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA as the number and types of containers are too numerous to list here.
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA as the number and types of containers are too numerous to list here.
6a. Are there currently any industrial <i>drums</i> (typically 55 gal (208 L)) or sacks of chemicals located on the <i>property</i> or at the facility?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA as the number and types of containers are too numerous to list here.

Question		Owner		Occup	Occupants (if applicable)			ed During S	ite Visit	If yes, provide description		
					,	,		3 -				
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA as the number and types of containers are too numerous to list here.		
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk			
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Dredging materials from the bay are present on the site.		
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	There a number of ponds present at the site used for waste treatment		
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Previous historical aerial photos indicate previous ponds.		
9a. Is there currently any stained soil on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk	Stained soil from pulp mill liquor, oil and other unidentified materials are present throughout the property		
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	Unk	Stained soil from pulp mill liquor, oil and other unidentified materials are present throughout the property		
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Unk			
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	Ûnk			

Question		Owner		Occupa	ants (if a <sub>l</sub>	oplicable)	Observe	d During S	ite Visit	If yes, provide description
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	(Yes)	No	Unk	Yes	No	Unk	Various pipes are on the site including pipes used to off load pulp and a deep ocean outfall
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Various pipes are on the site including pipes used to off load pulp and a deep ocean outfall
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Please review the REC portion of the Phase 1 ESA
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the <i>property</i> ?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	
13a. If the <i>property</i> is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes	No	Únk	Yes	No	Unk	Yes	No	Ünk	

Question		Owner		Occupants (if applicable)			Observed During Site Visit			If yes, provide description
13b. If the <i>property</i> is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency?	Yes	No	(Jnk)	Yes	No	Unk	Yes	No	(Ink)	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Please review the REC portion of the Phase 1 ESA
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Please review the REC portion of the Phase 1 ESA
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	(Ves)	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Please review the REC portion of the Phase 1 ESA

Question		Owner		Occupants (if applicable)			Observe	d During S	ite Visit	If yes, provide description		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes	No	Unk	Yes	No	Unk	(Yes)	No	Unk	Please review the REC portion of the Phase 1 ESA		
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	(Yes)	No	Unk	Yes	No	Unk	(Ýes	No	Unk	Please review the REC portion of the Phase 1 ESA		
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	(Yes)	No	Unk	Yes	No	Unk	Yes	No	Unk	Please review the REC portion of the Phase 1 ESA		
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	(Ves	No	Unk	Yes	No	Unk	(Yes)	No	Unk			
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes	No	Ûnk	Yes	No	Unk	Yes	No	Ünk			

Question	Owner Occupants (if applicable) Observ						Observe	red During Site Visit If yes			provide descript	ion
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes	No	Unk	Yes	No	Unk	Yes	No	Ünk			
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of <i>PCBs</i> ?	Yes	No	Unk	Yes	No	Unk	Yes	No	(Únk			
21. Do any of the follow	ving federa	l, state, o	or tribal go	vernment	record sy	stems list th	e <i>property</i>				noted below (whe	re available):
								Approximate Minimum Search Distance, miles (kilometres				
Federal NPL site list								1.0 (1.6)			Yes	No √
Federal Delisted NPL s	ite list							0.5 (0.8)			Yes	No √
Federal CERCLIS list								0.5 (0.8)			Yes	No √
Federal CERCLIS NFR								0.5 (0.8) Yes				No √
Federal RCRA CORRA									1.0 (		Yes√	No
Federal RCRA non-CO		ISD Fac	llities list						0.5 (		Yes√	No
Federal RCRA generat			atual 1					propert		ining properties	Yes √	No
Federal institutional cor	ntroi/engin	eering co	ntroi regis	tries					propert		Yes	No √
Federal ERNS list	of hazardous waste sites identified for investigation or remediation:								propert	y orlly	Yes √	No
State and tribal lists of a		wasie si	ies identifi	eu ioi inv	esugation	or remediat	1011.		10/	I 6\	Yes √	No
		LIC					+		1.0 (			
	d tribal-equivalent CERCLIS d tribal-landfill and/or solid waste disposal site lists								0.5 (0 0.5 (0		Yes Yes	No √ No √
	nd tribal-leaking storage tank lists								0.5 (		Yes	No √
	e-and tribal-leaking storage tank lists e and tribal registered storage tank lists								(	ining properties	Yes √	No v
	ate and tribal institutional control/engineering control registries								propert		Yes	No √
	State and tribal <i>institutional control</i> engineering control registries  State and tribal voluntary cleanup sites											No √
	State and tribal Brownfield sites								0.5 (0.8) Yes 0.5 (0.8) Yes √		No	
	2. Based upon a review of <i>fire insurance maps</i> or <i>local street directories</i> all as specified in									J.0)	No.	Unavailable
the guide, are any build property identified as ha contamination of the pro	lings or oth aving beer	ner impro	vements c	n the <i>pro</i>	perty or o	n an <i>adjoinii</i>	ng		103	· •		Shavallable

Result:

The Owner questionnaire answers were provided was completed by:
Name: Charles Benbow
Title: Part Owner
Firm: Benbow Enterprises
Address: 40 East Branch Road, Garberville, CA 95542
Phone number: (707) 923-3365
Date: January 18<sup>th</sup> and 21st 2013
Role(s) at the site Caretaker/Part Owner
Number of years at the site 8
Relationship to user (for example, principal, employee, agent, consultant) Agent

The Occupant questionnaire answers were provided by: Name Title Firm Address Phone number Date Role(s) at the site Number of years at the site Relationship to *user* (for example, principal, employee, agent, consultant)

The Site Visit questionnaire was completed by:
Name: L. Robert Ulibarri, AICP
Title: Sr. Environmental Planner
Firm: LACO Associates
Address: 21 W 4<sup>th</sup> Street
Phone number: 707-443-5054
Date: January 28, 2013
Relationship to site

Relationship to site

Relationship to user (for example, principal, employee, agent, consultant)

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Signature	Date

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.

Phase 1 Environmental Site Assessment (ASTM E1527-05)
Former Louisiana Pacific Pulp Mill
APN# 401-112-021, Humboldt County, California

# APPENDIX Q

Qualifications of the Environmental Professionals



### JOHN WELLIK

1443 Dorothy Court McKinleyville, California 95519 707-633-5430 707-496-9748 (cell) wellikj@lacoassociates.com

#### **Education**

2008 Humboldt State University Arcata, CA

Master of Science, Environmental Systems – Geology

1992 California State University, Sacramento Sacramento, CA Bachelor of Arts, Government

# Continuing Education

ASTM International Environmental Site Assessments for Commercial Real Estate Course – Winter 2012

Princeton Groundwater Pollution and Hydrology Course – Spring 2006

#### *Experience*

# Staff Geologist - LACO Associates, Eureka, California

Conducted Phase I Environmental Site Assessments for multiple commercial and industrial facilities located throughout northern California. Designed, coordinated, and implemented environmental explorations under the supervision of California statelicensed geologists. Reporting experience includes preparation of Corrective Action Plans, Remedial Action Plans, Reports of Findings, Groundwater Monitoring Reports and Conceptual Site Models for residential, commercial and industrial sites impacted by unauthorized chemical releases. Characterized site geology and chemical impacts to soil and groundwater. Evaluated and developed a variety of remedial approaches for reduction of chemical masses.

Fieldwork experience includes subsurface explorations utilizing direct push, air rotary, sonic, and rotary auger drill rigs and hand auger methods, and Phase I site reconnaissance. Logged soils according to ASTM D- 2488 standards using USCS, collected environmental soil and groundwater samples following Chain of Custody protocols. Field responsibilities included on-site management of exploration activities, insuring a safe work environment, and client/public relations. Coordinated with local and state regulatory agencies.

#### Graduate Geologist – Humboldt State University, Arcata, California

Planned, coordinated, and executed a neotectonic investigation assessing and characterizing the Holocene/Pleistocene history of surface faulting and recurrence of activity of the Tumalo and Sisters Fault Zones, and the Northwest Rift Zone of Newberry Volcano in Deschutes County, Oregon. Performed reconnaissance level structural and surface stratigraphic mapping utilizing true and false-color aerial photographs, GIS data, and topographic map interpretation. Verified image data, and collected additional data during field investigations. Study results were presented as culminating experience for Master of Science degree.

# **Employment**

2011 - current LACO Associates – Staff Geologist

2007 - 2011 Substitute teacher for several Ottawa County, Ohio school districts

2003 – 2007 LACO Associates – Staff Geologist

2001 – 2003 Humboldt State University Foundation – Graduate Geologist