Appendix G

Interim Measures Work Plan

Interim Measures Work Plan
Revision 1

Former Evergreen Pulp Mill
Samoa, California
Case No. 1NHU892

Prepared for:

Nordic Aquafarms California, LLC

January 2021

019146.050

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Revision 1

Samoa, California
Case No. 1NHU892

Prepared for:

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Prepared by:

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QA/QC: EJN

Reference: 019146.050

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Abbreviations and Acronyms

Units of Measure

cy	cubic yards
ft/day	feet per day
ft/ft	feet per foot
mg/kg	milligrams per kilogram
pg/g	picograms per gram
pg/L	picograms per liter
ppm	parts per million
ug/L	micrograms per liter
uS/cm	microsiemens per centimeter
<	denotes a value that is “less than” the method reporting limit
>	denotes a value that is “greater than” the method reporting limit

Acronyms

AOI	area of interest
As	arsenic
AST	aboveground storage tank
BGS	below ground surface
CAM	California Administrative Manual
COPC	contaminants of potential concern
CPT	cone penetrometer
Cr	chromium
Cr VI	chromium VI
CSM	conceptual site model
DDP	Dewatering and Discharge Plan
DHS	California Department of Health Services
DP-#	direct push boring-number
DTSC	Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
ESL	environmental screening level
ERM	Environmental Resource Management
HASP	health and safety plan
HHRA	Human Health Risk Assessment
HBHRCD	Humboldt Bay Harbor, Recreation, and Conservation District
IMOs	Interim Measure Objectives
IMW	Interim Measures Work Plan
ISM	Incremental Sampling Methodology
LACO	LACO Associates
LP	Louisiana Pacific Corporation
MCL	maximum contaminant level
MFG	McCulley, Frick & Gilman, Inc.
MH-#	Manhole-number
Mn	manganese
MRP	monitoring and reporting program
MSW	municipal solid waste

MW	monitoring well-number
NAFC	Nordic Aquafarms California, LLC
NAVD88	North American vertical datum, 1988
NPDES	National Pollutant Discharge Elimination System
PCB	polychlorinated biphenyls
PID	photoionization detector
OCP	organochlorine pesticides
PES	PES Environmental Inc.
PHG	California public health goal
QC	quality control
RAS	recirculating aquaculture system
RCRA	Resource Conservation and Recovery Act
RMT-II	Redwood Marine Terminal II
RWQCB	North Coast Regional Water Quality Control Board
SAP	sampling and analysis plan
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
SB-#	soil boring number
SMARTS	Stormwater Multiple Application and Report Tracking System
STLC	Soluble Threshold Limit Concentrations
SWPPP	stormwater pollution prevention plan
SWRCB	California State Water Resources Control Board
SVOCs	semi-volatile organic compounds
TB-#	TB boring-number
TCDD	tetrachlorobenzeno-p-dioxin
TCLP	Toxicity Characteristic Leaching Procedure
TDS	total dissolved solids
TEQ	toxicity equivalence
TPHD	total petroleum hydrocarbons as diesel
TPHMO	total petroleum hydrocarbons as motor oil
TWP-#	temporary well point-number
VOCs	volatile organic compounds
Weston	Weston Solutions
WHO	World Health Organization
WQOs	water quality objectives
XRF	x-ray fluorescence

1.0 Introduction

On behalf of Nordic Aquafarms California, LLC (NAFC), SHN has prepared this Interim Measures Work Plan (IMW) for planned redevelopment at the former Evergreen Pulp Mill (Case No. 1NHU892). NAFC is considering construction of a recirculating aquaculture system (RAS) facility at this location that will require the old pulp-mill buildings and infrastructure to be demolished and removed. This IMW outlines the site history, current conditions, and planned methods to address material handling from demolition and construction activities for site redevelopment.

1.1 Site Description

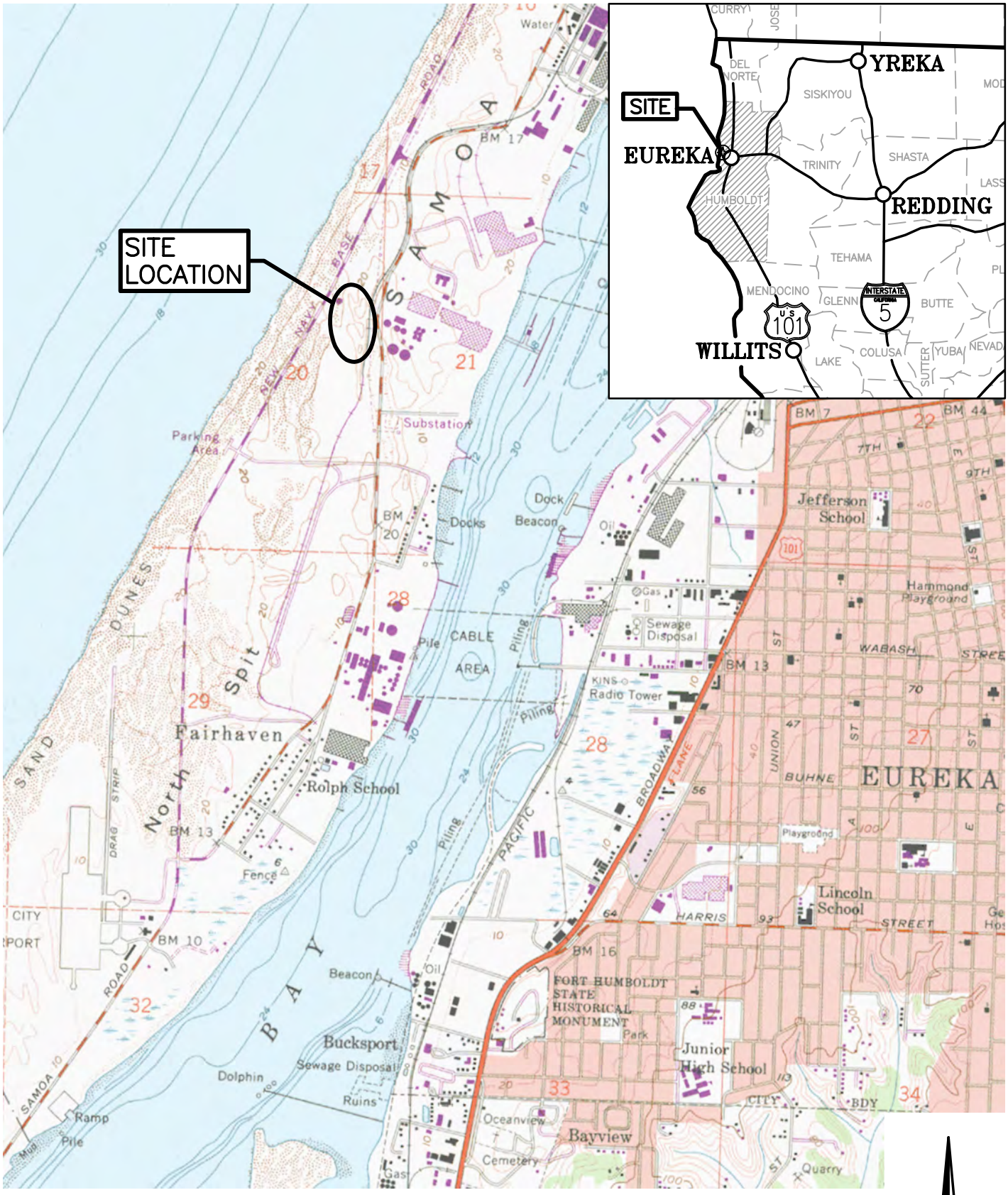
Historically referred to as the Evergreen Pulp Mill, the footprint of the old facility occupies approximately 70 acres of Assessor's parcel number 401-112-021 at One TCF Drive, in Samoa, California (Figure 1). The site is located on the Samoa Peninsula, a narrow divide between the Pacific Ocean to the west and Humboldt Bay to the east. Land use of the site and surrounding properties is industrial/commercial. The Samoa landfill (a closed ash disposal site) is located to the west of the facility. The former mill has not been used for commercial purposes since 2008 and is in a current state of decommissioning as demolition has occurred at various areas of the mill. This inactive pulp mill is owned by the Humboldt Bay Development Association, Inc. and is leased to the Humboldt Bay Harbor, Recreation, and Conservation District (HBHRCD). The facility is currently referred to as Redwood Marine Terminal II (RMT-II).

1.2 Site History and Operations

The site was developed in 1964 as a bleached Kraft pulp mill by Georgia-Pacific manufacturing company. The pulp mill in its original configuration was in operation between 1965 and 1994, when it was converted into a totally chlorine-free operation by Louisiana Pacific Corporation (LP). Process chemical recovery was comprised of removing organic matter accumulated in the pulp bleaching process through combustion in recovery boilers 1, 2, and 3; the recovered chemicals were then available for reuse in the bleaching process. The bleaching process was performed to remove tannins and lignins from wood chips prior to being introduced to the pulping process.

Evergreen Pulp was the last company to operate the mill until it was shut down in October 2008. Freshwater Tissue Company purchased the site in 2009 and planned on reopening the mill; however, they abandoned these plans and began decommissioning equipment, demolishing various buildings, and liquidating assets. In August 2013, Freshwater Tissue Company transferred ownership of the site to HBHRCD. The HBHRCD is currently leasing northeastern portions of the property for use by commercial businesses.

Historical buildings and land uses of the site included offices, pulp warehouses, a machine building, a sand blasting shop, petroleum products distribution and storage, a hazardous waste storage area, diesel aboveground storage tanks (ASTs), a chemical storage tank farm, a water treatment plant, a "black liquor" processing area, a bleach plant, three process chemical recovery boilers, and an electrical generation station. To date, the petroleum products distribution and storage infrastructure, diesel ASTs, the chemical storage tank farm, the black liquor processing area, the bleach plant, and two of three process chemical recovery boilers have been demolished.



SOURCE: EUREKA USGS
7.5 MINUTE QUADRANGLE

1"=2000'±

SHN	Nordic Aquafarms California, LLC Landfill Gas Monitoring Samoa, California	Site Location Map SHN 019146.050
	October 2020 | 019146-050-SITE-LCTN	Figure 1

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2.0 Environmental Conditions

Numerous investigations of soil, groundwater, soil gas, and construction materials have been initiated by consultants on behalf of past and current owners and stakeholders starting from the late 1990s. This commercial property is a Brownfields site that has received funding grants from the U.S. Environmental Protection Agency (EPA) for cleanup and assessment activities. The North Coast Regional Water Quality Control Board (RWQCB) is the lead agency for the investigation and cleanup of environmental impacts associated from mill operations and oversees the current groundwater monitoring program in place for the site. Documents related to site work and regulatory correspondence have been publicly available on the California State Water Resource Control Board (SWRCB) Geotracker website at: https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0602377769

A total of 11 areas of interest (AOI) have been identified at the site based on historic operations and potential contaminants at each area. The AOIs for the site are shown on Figure 2 and include:

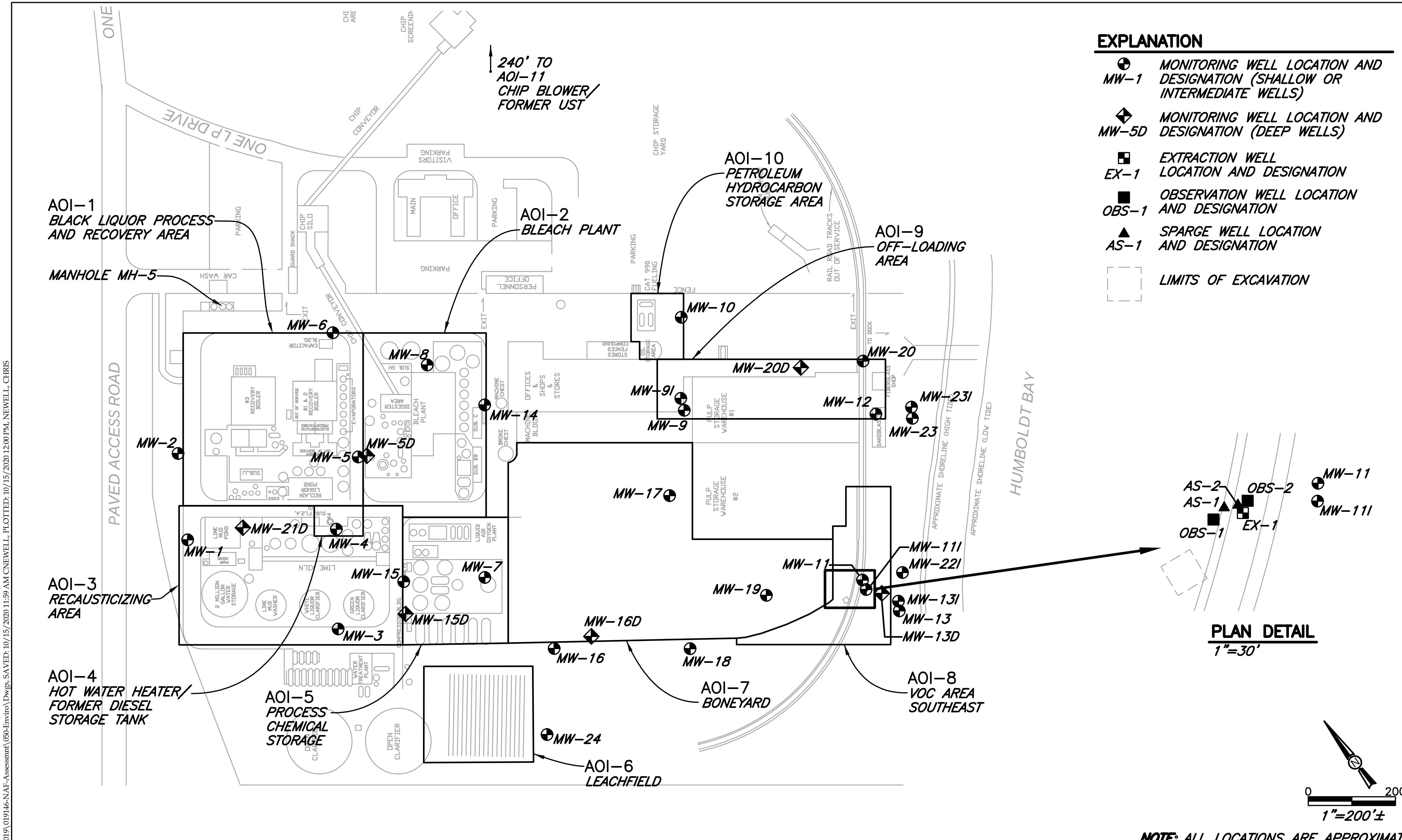
- Black Liquor Process and Recovery Area (AOI-1)
- Bleach Plant (AOI-2)
- Causticizing Area (AOI-3)
- Hot Water Heater and Former Diesel Tank (AOI-4)
- Process Chemical Storage (AOI-5)
- Leachfield (AOI-6)
- Boneyard (AOI-7)
- VOC Area southeast (AOI-8)
- Off Loading Area (AOI-9)
- Petroleum Hydrocarbon Storage Area (AOI-10)
- Chip Blower (AOI-11)

Aspects of significance for AOIs at the former pulp mill site include the following:

AOI-1, identified as the Black Liquor Process and Recovery Area, encompasses the portion of the mill site formerly occupied by the chemical recovery boilers, electrical generating station, multiple aboveground storage tanks (ASTs) for chemical storage and management, and the reclaimed liquor pond. Only recovery boiler #3 and portions of the associated infrastructure, smokestack, portions of the electrical generating infrastructure, the reclaimed liquor pond, concrete floors and foundations, and fluid conveyance structures (such as sanitary sewers, storm sewers, and concrete-lined trenches related to the spill recovery system) remain in AOI-1.

AOI-2, identified as Bleach Plant, encompasses the portion of the site formerly occupied by the wood chip digester, bleach plant, and associated infrastructure. Most of the AOI-2 structures have been demolished; however, five ASTs, portions of two electrical substations, remnants of concrete floors and foundations, and fluid conveyance structures like those noted in AOI-1 remain in AOI-2.

AOI-3, AOI-4 and AOI-5 make up the southern portion of the pulp processing area. These AOIs are where chemicals were stored for making the pulping liquors to breakdown the woodchips. Storage tanks for caustic and acidic chemicals, and diesel were located in this area. AOI-7 (Boneyard) was used as a storage area for miscellaneous mill equipment that was discarded or saved for potential future use. This area additionally contains a pipeline used for chemicals delivered to the dock by barge that were transferred to the chemical storage area.



Nordic Aquafarms California, LLC Interim Measures Work Plan Samoa, Humboldt County, California	Site Plan Former Evergreen Pulp Mill SHN 019146.050
October 2020	019146-050-SITE-WORKPLAN

Figure 2

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On September 3, 2003, the Humboldt County Division of Environmental Health issued a remedial action completion certificate for the former UST in AOI-11. The RWQCB provided a notice of no further assessment for AOI-6 in December 2014 (RWQCB, 2014). Active remediation of chlorinated solvent impacts to soil and groundwater is being performed in AOI-8 and AOI-9. The planned area of redevelopment for this RAS project is shown in Figure 3 and does not extend to AOI-9, -10, and -11, and only includes a small westerly portion of AOI-8.

The conceptual site model (CSM) prepared for the site in 2011 is located on Geotracker and provides a comprehensive summary that contained historical plans and data for a 14-year period (SHN, 2011b). To assess contamination associated with historical use at this property, SHN completed a review of the 2011 CSM and subsequent update in 2013 (SHN, 2013), and all data collected since that time prior to submitting this IMW. A site map of all historical sample locations compiled by Ramboll in October 2019 is additionally provided in Appendix 1 (Ramboll, 2019).

2.1 Previous Assessments

A summary of investigation and remediation activities conducted at the site are summarized in the following sections. Investigations were performed to assess known releases and potential impacts from mill operations under the oversight of the RWQCB. Results of the investigations were provided in subsequent reports that are referenced and summarized in sections describing site conditions of this IMW. Historical results provided in Appendix 1 of this IMW include soil samples collected after 2013 and groundwater monitoring from site wells since 1997.

February 1997—LP conducted a preliminary investigation at the site to assess soil and groundwater conditions at various locations throughout the mill (LP, 1997). Seven locations were targeted during this investigation, including: Black Liquor Process and Recovery Area, Causticizing Area, Bleach Plant, Petroleum Product Storage Areas, Hazardous Waste Storage Area, Tank Farm, and various general site locations.

October 1997—SHN supervised the installation of 10 groundwater monitoring wells (MW-1 through MW-10).

December 1997—SHN performed a tidal influence study, and in January and February 1998, SHN conducted an aquifer test using wells MW-4 and MW-10 (SHN, 1998).

2000—Environmental Resource Management (ERM) conducted a subsurface investigation on behalf of a prospective buyer. A total of 42 borings were installed at the site. (SB01 through SB40, GP-1, and GP-2).

April 2003—A subsurface investigation consisting of seven borings (BH-1 through BH-7) was completed in the area of AOI-3, near the western boundary of AOI-5, due to a caustic release (MFG, April 2003).

May 2005— McCulley, Frick & Gilman, Inc. (MFG) submitted a supplemental site characterization report. The report included the results of additional soil borings (DP-1 through DP-8) and the installation of wells MW-12 and MW-13 (MFG, 2005).

2006—MFG submitted an additional site characterization report and an additional site investigation report. The reports included the results of additional borings (DP-9 through DP-21, TB-1, and DP-22 through DP-32) (MFG, April and December 2006).

AOI-1
BLACK LIQUOR PROCESS
AND RECOVERY AREA

AOI-2
BLEACH PLANT

AOI-10
PETROLEUM HYDROCARBON
STORAGE AREA

AOI-9
OFF-LOADING
AREA

AOI-3
RECAUSTICISING
AREA

AOI-4
HOT WATER HEATER/
FORMER DIESEL
STORAGE TANK

AOI-5
PROCESS CHEMICAL
STORAGE

AOI-6
LEACHFIELD

AOI-7
BONEYARD

AOI-8
VOC AREA
SOUTHEAST

MW-1
MW-2
MW-3
MW-4
MW-5
MW-5D
MW-6
MW-7
MW-8
MW-9
MW-9I
MW-10
MW-11
MW-11I
MW-12
MW-13
MW-13I
MW-13D
MW-14
MW-15
MW-15D
MW-16
MW-16D
MW-17
MW-18
MW-19
MW-20
MW-20D
MW-21D
MW-22I
MW-23
MW-23I
MW-24

1
2
3
4
5

NEW NAVY BASE ROAD

HUMBOLDT BAY

EXPLANATION

- MONITORING WELL LOCATION (SHALLOW OR INTERMEDIATE)
- MONITORING WELL LOCATION (DEEP)
- AREAS OF INTEREST
- PROPOSED BUILDING LOCATIONS

0 250
FEET

1"=250'±

NOTE: ALL LOCATIONS ARE APPROXIMATE
SERVICE LAYER CREDITS: SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

Nordic Aquafarms California, LLC.
Interim Measures Work Plan
Samoa Peninsula, Humboldt County, California

Proposed Building Locations with
Areas of Interest
SHN 019146.050

October 2020 | Figure3_BuildingLocations_wAOI | Figure 3

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May 2008—PES Environmental Inc. (PES) submitted the report of findings from a data gaps investigation performed as described in the November 2007 data gap evaluation work plan (PES, 2008).

September 2010—SHN supervised an additional investigation in the vicinity of AOI-8 (SHN, January 2011a). The investigation consisted of membrane interface probe borings, collecting soil samples from 8 soil borings (WP-101, WP-102, WP-103, WP-104, WP-115, B-105, B-106, and B-107), collecting depth discrete groundwater samples from 14 temporary well points (WP-101 WP-102, WP-103, WP-104, WP-108, WP-109, WP-110, WP-111, WP-112, WP-113, WP-114, WP-115, WP-116, and WP-117), and performing a tidal study.

December 2013—LACO Associates (LACO) conducted debris pile characterization as part of Brownfields cleanup alternatives analysis for debris pile removal (LACO, 2014a).

2014, 2015, and 2017—SHN collected groundwater samples from select monitoring wells located in the vicinity of AOI-1 and AOI-2 for the presence of dioxin and furan congeners. Soil samples were collected for dioxin and furan analysis during the February 2015 event near the former black liquor pond, and in the central portion of AOI-2 in the vicinity of the former bleach plant (SHN, 2017).

July 2019—Weston Solutions (Weston) completed a site-wide investigation under grant funding from the EPA for impacts from metals, polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs) and dioxins in site soils. Sixteen soil borings were completed for collection of 55 soil samples at three depth intervals (Weston, 2019).

September 2020—A hazardous materials survey report was completed for structures remaining onsite designated for demolition as part of the project (GHD, 2020). The report identified the presence of lead, asbestos containing material and universal waste in multiple areas of the site that will require special handling and offsite disposal during site demolition activities.

2.2 Remediation Activities

1994—LP prepared and began implementation of a plan to prevent releases of pulping liquors and hazardous materials to the environment. Prior to the plan preparation, LP had already constructed secondary containment for the black liquor storage area. Pursuant to the plan, additional spill controls were installed in the black liquor handling area and new secondary containment for the digester area was constructed. LP became aware of the contamination present in the black liquor storage area during this time (SHN, 1998).

1995—LP demolished the secondary containment for a 50,000-gallon fuel oil/diesel tank in AOI-4, prior to converting the petroleum storage tank to a hot water tank. During the demolition, LP removed a substantial amount of petroleum impacted soil from the perimeter of the tank (LP, 1995).

1997 and 1998—Two geophysical surveys were performed in the southeastern portion of AOI-7, where an LP employee reported that drums were buried. Both surveys identified potential buried metal. LP performed exploratory excavations in the areas where buried metal was identified; only pieces of scrap metal, no buried drums, were discovered (MFG, 2000).

October 2003—MFG supervised a limited excavation in the vicinity of SB-05 (AOI-8). Approximately 37 cubic yards (cy) of material were removed, and five confirmation soil samples were collected from the excavation cavity (MFG, October 2003).

2013 to 2017—EPA Superfund Emergency Response Section removed approximately 4,000,000 gallons of caustic and acidic liquids; 10,000 tons of toxic sludges; and various chemicals from the site. Numerous ASTs were demolished and removed as part of the project. As of December 2017, cleanup of the hazardous waste storage area and demolition of most of the aboveground storage tanks, the bleach plant, and two recovery boilers, has been completed (EPA, 2016).

March 2016, April 2018, and May 2020—SHN oversaw three remedial action events performed at AOI-8 and AOI-9 to address volatile organic compounds (VOCs) in soil in groundwater. The three events included injection of liquid sodium permanganate into the subsurface at multiple depth intervals (38 locations for the first two events and 37 locations for the third event) (SHN, August 2020).

April 2019—Debris piles that had resulted from structures demolished in 2011 and 2012 was processed for sorting under an EPA Brownfields grant. The debris was from recovery boilers 1 and 2, and the bleach plant and was comprised of various building materials (reinforced and unreinforced concrete rubble, brick, tile, roofing materials, equipment parts and scrap metal). The material underwent sorting for separation of debris and then ran over a screen to separate material smaller than 1 inch in diameter. The smaller material was temporarily stockpiled onsite for characterization and proper disposition. The larger material was crushed as necessary to attain 4-inch minus size and placed in a stockpile. Both the crushed and screened material was tested according to the project sampling and analysis plan (SAP) and determination was made for suitability of reuse onsite or offsite transport and disposal at a licensed facility (SHN, 2018). At debris pile project completion, approximately 288 cy of material with elevated lead concentrations was transported offsite for disposal and approximately 1,764 cy was deemed suitable for site reuse and remains onsite.

2.3 Historical Constituents of Concern

Historical results for soil and groundwater samples collected from the site were reviewed for comparison to the most recent environmental screening levels (ESLs). Several documents are used in application of ESLs in site soil due to some reference documents having a limited number of constituents. The RWQCB has adopted the following reference documents to assess contaminants in site soils for residential and commercial land use:

- California Department of Toxic Substance Control (DTSC) Human Health Risk Assessment (HHRA) Note 3, Screening Levels for Soil (DTSC, 2020)
- DTSC HHRA Note 2, Soil Remedial Goals for Dioxins (DTSC, 2017)
- San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Tier 1 Environmental Screening Levels (SFRWQCB, 2019)

For groundwater at the site, the water quality objectives for cleanup projects in the North Coast Region (RWQCB, 2016) and the SFBRWQCB ESL spreadsheet referenced above were the primary regulatory guidance documents used for comparison. A description of contaminants of potential concern (COPC) identified at the site is provided in the following sections.

2.3.1 Contaminants of Potential Concern in Soil

The primary COPCs identified in site soils are chlorinated hydrocarbons and pH (Figure 4). Remaining soil impacted by petroleum hydrocarbons does not appear to be impacting groundwater and dioxin

AOI-1
BLACK LIQUOR PROCESS
AND RECOVERY AREA

AOI-2
BLEACH PLANT

AOI-10
PETROLEUM HYDROCARBON
STORAGE AREA

AOI-9
OFF-LOADING
AREA

NEW NAVY BASE ROAD

APPROXIMATE AREA OF
pH IMPACTED SOIL

AOI-3
RECAUSTICISING
AREA

AOI-4
HOT WATER HEATER/
FORMER DIESEL
STORAGE TANK

AOI-5
PROCESS CHEMICAL
STORAGE

AOI-6
LEACHFIELD

AOI-7
BONEYARD

AOI-8
VOC AREA
SOUTHEAST

APPROXIMATE AREAS OF
CHLORINATED HYDROCARBON
IMPACTS TO SOIL

HUMBOLDT BAY

MW-1
MW-2
MW-3
MW-4
MW-5
MW-5D
MW-6
MW-7
MW-8
MW-9
MW-9I
MW-10
MW-11
MW-11I
MW-12
MW-13
MW-13I
MW-13D
MW-14
MW-15
MW-15D
MW-16
MW-16D
MW-17
MW-18
MW-19
MW-20
MW-20D
MW-21D
MW-22I
MW-23
MW-23I
MW-24

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EXPLANATION

- MONITORING WELL LOCATION (SHALLOW OR INTERMEDIATE)
- MONITORING WELL LOCATION (DEEP)
- APPROXIMATE AREA OF PH IMPACTED SOIL
- APPROXIMATE AREAS OF CHLORINATED HYDROCARBON IMPACTS TO SOIL
- AREAS OF INTEREST
- PROPOSED BUILDING LOCATIONS

0 250
FEET

N

1"=250'±

NOTE: ALL LOCATIONS ARE APPROXIMATE
SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

Nordic Aquafarms California, LLC.
Interim Measures Work Plan
Samoa Peninsula, Humboldt County, California

Contaminants of Potential Concern in Soil
SHN 019146.050

October 2020 | Figure4_ContaminentsOfConcern1 | Figure 4

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concentrations detected in site soils are at levels below residential screening levels. Concentrations of metals, PCBs, and OCPs in soil samples collected from the site do not appear to be elevated based on review of historical data and comparison to background values for the area.

Chlorinated hydrocarbons. These are present in soil and are primarily in AOI-8 and AOI-9. The extent of chlorinated hydrocarbons in soil generally has been defined (except beneath the warehouse in AOI-9).

Low concentrations of certain chlorinated hydrocarbons have been detected in a few isolated borings in this area. The area of planned redevelopment shown on Figure 3 does not extend to areas where soils are impacted by chlorinated hydrocarbons in AOI-8 and AOI-9.

pH. A known release of high pH material (sodium hydroxide) occurred in the vicinity of well MW-15, and it was reported that hardened sodium hydroxide was present in boring BH-1 (MFG, April 2003). Elevated pH (> 8.5 pH units) in soil is present beneath the majority of the former process areas. The extent of elevated pH in soil was reported to have been adequately defined.

Petroleum hydrocarbon. Impacted soils were excavated in AOI-4 during decommissioning of the diesel fuel tank secondary containment. Only low concentrations of total petroleum hydrocarbons as diesel (TPHD) (<5 milligrams per kilogram [mg/kg]) were detected in soil from borings completed in the area.

Dioxins and Furans. Soil impacts by dioxins and furans were recorded for samples collected near the former black liquor pond, and the central portion of AOI-2 in the vicinity of the former bleach plant in 2015 (SHN, 2017). The site-wide investigation in 2019 additionally reported the presence of dioxins and furans in a majority of the 55 samples collected during the event (Ramboll, 2019). All dioxin testing results were reported at concentrations below DTSC residential soil screening levels for 2,3,7,8-tetrachlorobenzeno-p-dioxin (TCDD) at 4.8 picograms per gram (pg/g) and the World Health Order toxicity equivalence (WHO TEQ; WHO 2005) for residential soils of 50 pg/g.

Metals. Arsenic is the only metal at the site that was detected at a concentration above the residential soil ESL of 0.11 mg/kg. However, the concentrations observed for arsenic in site soil is within the probable background range for this area of 5.6 mg/kg (Kearney, 1996). Levels of lead, cadmium and copper in site soil additionally appear to be in the background range for natural soils for this area.

2.3.2 Contaminants of Potential Concern in Groundwater

Site wide, COPCs in groundwater include chlorinated hydrocarbons (chlorinated ethanes and ethenes), dissolved arsenic (As), dissolved chromium (Cr), and dissolved manganese (Mn). Additional parameters of concern include dioxins, pH, color impact from black liquor release, total dissolved solids (TDS), dissolved nickel and dissolved chromium VI (Cr VI). Petroleum hydrocarbons have generally been nondetectable or below the water quality objectives (WQOs) in groundwater samples from site monitoring wells, and are, therefore, not considered COPC of significance at this site. COPCs identified in groundwater at the site include the following:

Chlorinated hydrocarbons have been detected in groundwater samples from site monitoring wells in AOI-7, AOI-8, and AOI-9. Active remediation is occurring in this area and a recent groundwater monitoring event was conducted in June 2020. Based on the post-injection data, it appears the injection of sodium permanganate had some effect on reducing chlorinated solvent concentrations, although

post-injection concentration trendlines show variable results. Some indicate decreasing trendlines through time, while others do not. The general area of impact for chlorinated hydrocarbons at the site is shown in Figure 5.

Dissolved Metals. Elevated concentrations of dissolved arsenic, manganese and chromium are most prevalent within the process areas (AOI-1, AOI-2, AOI-3, AOI-4, and AOI-5). The source of dissolved metals in groundwater beneath the process areas is unknown but may be related to the changes in geochemistry from the known release of high pH material and organic acids from the release of black liquor. An isolated area of elevated dissolved chromium is present in the vicinity of well MW-18, and dissolved arsenic has been detected above the WQO in well MW-13. Dissolved arsenic was detected in samples of Humboldt Bay water (PES, 2008) and may be a contributing source of dissolved arsenic in shallow groundwater near the bay margin.

Parameters of Concern. The extent of high pH (>8.5 pH units) and high EC (> 900 uS/cm) impacted shallow groundwater is in the area surrounding well MW-15 that includes AOI-4 and AOI-5. Color slightly exceeds the WQO in almost all shallow site wells in the former process areas. Color greatly exceeds the WQO in the vicinity of wells MW5/5D, likely related to releases of black liquor in AOI-1. The extent of impacts from parameters of concern is shown on Figure 5.

Dioxins and Furans. Groundwater samples collected in 2014, 2015, and 2017 from monitoring wells and well points located in the vicinity of AOI-1 and AOI-2, and at manhole 5 (MH-5) were analyzed for the presence of dioxin and furan congeners. Laboratory analytical reports showed TEQ results for 2,3,7,8-TCDD in most samples were below the California maximum contaminant level (MCL) in drinking water of 30 picograms per liter (pg/L). Groundwater samples collected from monitoring wells MW-5 and MW-8, and the manhole exceeded the California public health goal (PHG) for drinking water of 0.05 pg/L. The peak concentrations for 2,3,7,8-TCDD and TEQ in groundwater were recorded from the field composited well point sample in AOI-2 at concentrations of 8.24 pg/L and 231.56 pg/L, respectively (LACO, 2014b). The lateral distribution of dioxin impacts to groundwater below the WQO is defined by laboratory analytical results recorded for samples collected from monitoring wells MW-1, MW-2, MW-4, MW-6, MW-7, MW-14, MW-15, and MW-17.

2.4 Ambient (Background) Conditions

PES collected 10 background water samples from areas upgradient of the pulp mill in 2008. All the background water samples collected by PES were collected from screened intervals of 16-20 feet below ground surface (BGS). Field pH measurements varied between 7.02 and 8.25. Of the four dissolved metals identified by PES (As, Cr, Mn, and Nickel), manganese was the only dissolved metal detected at concentrations above the California Department of Health Services (DHS) secondary maximum contaminant level (MCL) of 50 micrograms per liter (ug/L).

EC measurements in groundwater generally increase with depth, as observed in data collected from the variably screened deep monitoring wells. The EC is likely related to saltwater intrusion, based on EC measurements and cation/anion analysis in deep screened wells. The transition from fresh to brackish water occurs between approximately 50 to 80 feet BGS, and from brackish to saline water between 100 feet to 110 feet BGS.

SWRCB Resolution 92-49 indicates that cleanup and abatement is not required to achieve water quality conditions that are better than background conditions (SWRCB, 1992); therefore, the WQO for dissolved manganese for this site should be modified to reflect the calculated background concentrations.

AOI-1
BLACK LIQUOR PROCESS
AND RECOVERY AREA

AOI-2
BLEACH PLANT

AOI-10
PETROLEUM HYDROCARBON
STORAGE AREA

AOI-9
OFF-LOADING
AREA

AOI-3
RECAUSTICISING
AREA

AOI-4
HOT WATER HEATER/
FORMER DIESEL
STORAGE TANK

AOI-5
PROCESS CHEMICAL
STORAGE

AOI-6
LEACHFIELD

AOI-7
BONEYARD

AOI-8
VOC AREA
SOUTHEAST

NEW NAVY BASE ROAD

HUMBOLDT BAY

MW-1
MW-2
MW-3
MW-4
MW-5
MW-5D
MW-6
MW-7
MW-8
MW-9
MW-9I
MW-10
MW-11
MW-11I
MW-12
MW-13
MW-13I
MW-13D
MW-14
MW-15
MW-15D
MW-16
MW-16D
MW-17
MW-18
MW-19
MW-20
MW-20D
MW-21D
MW-22I
MW-23
MW-23I
MW-24

1
2
3
4
5

EXPLANATION

- MONITORING WELL LOCATION (SHALLOW OR INTERMEDIATE)
- MONITORING WELL LOCATION (DEEP)
- AREAS OF INTEREST
- PROPOSED BUILDING LOCATIONS

APPROXIMATE AREA OF IMPACT

- CHLORINATED HYDROCARBONS
- METALS (As, Mn, Cr)
- pH/COLOR

0 250
FEET

N

1"=250'±

NOTE: ALL LOCATIONS ARE APPROXIMATE
SERVICE LAYER CREDITS: SOURCE: ESRI, DIGITALGLOBE, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGS, AEROGRID, IGN, AND THE GIS USER COMMUNITY

Nordic Aquafarms California, LLC.
Interim Measures Work Plan
Samoa Peninsula, Humboldt County, California

Contaminants of Potential Concern in Groundwater
SHN 019146.050

October 2020 | Figure5_ContaminentsOfConcernGW | Figure 5

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An evaluation of background conditions for concentration of metals in soils on the Samoa peninsula will be completed and included in the project SAP. Metals known to be present locally that are often above established regulatory screening threshold for residential soils include arsenic, cadmium, and chromium. A study showing the range for metals naturally occurring in this area will be completed for determination of soil suitability for site reuse and RWQCB approval.

3.0 Hydrogeologic Conditions

This section summarizes the geologic and hydrologic information available from historic site investigations.

3.1 Geology

The geology in the vicinity of the site was described as "undeformed marine shoreline and Aeolian deposits (Holocene and late Pleistocene)," which consist of gravel and sand deposited in marine terraces, on benches and on dunes along present shorelines (McLaughlin et al., 2000). The entire Samoa Peninsula is covered with a variable thickness of dune sands. The northern part of the peninsula is covered with a thick sequence of dunes that can be subdivided into four distinct stratigraphic units. These dunes typically are forested and reach as much as 60 to 70 feet above sea level. To the south, in the vicinity of the pulp mill, the peninsula is covered with a relatively young accumulation of dunes that are generally less than 20 feet in elevation above sea level. Surface elevations at the pulp mill range from approximately 18 to 23 feet relative to North American vertical datum, 1988 (NAVD88).

Previous investigations for subsurface conditions include:

- In 1964, 16 geotechnical borings were advanced at the site to depths of 41 to 102 feet BGS in advance of site development (Harding and Associates, 1964).
- In 1988, 11 geotechnical borings were advanced for a modernization project, apparently in the vicinity of AOI-1 or AOI-2 (Walter B. Sweet, 1988). Borings were advanced to depths of 25 to 75 feet BGS. Site soils were described primarily as poorly graded sands, medium dense to very dense, with densities increasing with depth.
- Between October 1997 and September 2010, soil borings were completed for monitoring well installation to a maximum depth explored of 150 feet BGS (well MW-15D).
- Cone penetrometer (CPT) borings installed by PES in 2008 were advanced to depths ranging from 46 to 89 feet BGS.
- January 2020 geotechnical investigation completed by SHN for evaluating subsurface conditions for site development that included 13 geotechnical boring and 6 CPT borings (SHN, June 2020).

Data from the borings and CPT probes indicates the upper 130 feet of the subsurface profile to be consistent across the project site. A thin veneer of loose surficial sandy fill overlies most of the project site. Below the fill, the subsurface profile can be divided into four primary depositional units consisting of:

1) loose to mostly medium dense recent and older dune deposits,
2) dense to very dense beach and shallow marine deposits,
3) medium stiff bay mud, and
4) very dense Hookton Formation sand and sand with silt.

The dune deposits are composed of clean fine sand and are present to a maximum depth of about 50 feet below existing site grades (approximate elevation of -25 feet relative to sea level). The dune deposits are in turn underlain by beach and shallow marine deposits from a depth of 40 or 50 (±) feet and continuing to 90 (±) feet. The beach and shallow marine deposits are composed of medium to coarse grained sand with occasional thin layers of subrounded fine gravel. The transition from the dune to beach deposits is readily identifiable by the sudden occurrence of medium to coarse sand and the presence of fine gravel, shell fragments and woody debris, and marked increase in the sampler penetration resistance. Underlying the beach and shallow marine deposits are much older fine-grained bay deposits and granular deposits of the Hookton Formation (Ogle, 1953).

3.2 Hydrology

Groundwater occurs at the site under unconfined conditions at depths ranging from approximately 12 to 16 feet BGS. Groundwater elevations in shallow site monitoring wells range from approximately 5 to 9 feet NAVD88. No continuous confining layers were observed in the boring logs or CPT logs from historic site investigations; therefore, it is assumed that the saturated zone extends from the water table to at least the depth of the deepest borehole (150 feet BGS at well MW-15D). Shallow monitoring wells exhibit seasonal groundwater fluctuations, and generally follow a similar fluctuation pattern.

Groundwater flow directions calculated from groundwater elevation data show the direction in the shallow and deep zones at the site is to the east-southeast to south-southeast with a very low gradient (0.002 to 0.004 feet per foot [ft/ft]).

In 1997, aquifer tests were conducted on monitoring wells MW-4 and MW-10 in order to determine the hydraulic conductivity of the screened portion of the aquifer (first encountered groundwater), and to gain a better understanding of site aquifer characteristics. Based on the results of aquifer pump tests, the hydraulic conductivity ranged from 570 feet per day (ft/day) to 915 ft/day, or 2.01 $x10^{-4}$ to 3.23 $x10^{-4}$ meters per second. Storage coefficients of 0.20 and 0.11 were additionally calculated. The calculated groundwater velocity ranged from 5.2 feet per day in the area around well MW-10, to 5.5 feet per day in the area around well MW-4 (SHN, 1998).

3.3 Tidal Influence

Results of a tidal influence study conducted at the site in December 1997 indicate that groundwater flow beneath portions of the site is influenced by tidal activity in Humboldt Bay, with no measurable effect from tidal activity on the ocean-side of the Samoa Peninsula. The change in water level appears to be sufficient to temporarily alter the groundwater gradient in areas of the site within approximately 600 feet of Humboldt Bay. During the tidal study, it was observed that water level changes in wells MW-9 and MW-10 were very minor. Therefore, tidal fluctuations in Humboldt Bay would not have any noticeable effect on monitoring wells MW-1 through MW-8 located farther away from Humboldt Bay. This information confirms the finding that tidal influence on groundwater movement beneath the site is restricted to areas at distances similar, or closer to, Humboldt Bay than wells MW-9 and MW-10 (approximately 600 feet) (SHN, 1998).

4.0 Description of Proposed Interim Measures

This IMW describes the procedures and methods for characterization and management of debris, soil and groundwater generated in connection with demolition and construction activities for the project.

Please note that this IMW does not propose soil excavation as a remedial action, but rather provides a plan to address reuse and disposal of materials and soil excavated during demolition and construction work.

4.1 Interim Measure Objectives

Accordingly, Interim Measure Objectives (IMOs) were established to:

- Provide protection of human health and the environment during the generation and management of demolition debris, excavated soils, and dewatering activities.
- Provide consistency with the site cleanup requirements for:
  - assessing final in place conditions,
  - determining suitability of material reuse, and
  - characterization of material for discharge and disposal.

Areas known or suspected to contain COPCs have been identified at the site. Field screening and the collection of samples for laboratory testing of chemicals depending upon material medium and location of collection will be conducted. To achieve the IMOs, chemical concentrations in excavated soils will be compared to published screening levels, the Resource Conservation and Recovery Act (RCRA) and non-RCRA (California) hazardous waste classification thresholds. The collective chemical screening and testing results will be used to determine if the soils are hazardous waste, and to evaluate the appropriate disposal/reuse options. As noted in this section, additional documents will be generated to address specific aspects of this project for material characterization.

4.2 Construction Activities

The general order of operations for site redevelopment will be demolition of structures and infrastructure, site preparation, and construction. Each of these work phases will contain a specific set of requirements from an environmental standpoint that will require the submittal of accompanying documents for approval from the RWQCB and other agencies. This IMW is designed to be used for guidance of plans and documents prepared and submitted at future dates to address environmental components identified on this project that may include:

Monitoring and Reporting Program (MRP): Site redevelopment has the potential to affect 18 existing monitoring wells at the site. Modifications to the MRP will be required to address proper closure and replacement of wells, if necessary. A request for modifications to the MRP will be submitted to the RWQCB that includes a work plan for well destruction and replacement (if necessary) for implementation prior to initiation of site demolition work. Justification for wells to be completely removed from the MRP will be provided in the request with supporting documentation.

Construction Storm Water Pollution Prevention Plan (SWPPP): The SWPPP will be required to be implemented during the demolition and construction phases of the project. The SWPPP will be submitted to the SWRCB Stormwater Multiple Application and Report Tracking System website (SMARTS) and contain the following components: best management practices to address erosion and sediment control, monitoring and testing for site runoff, an inspection program, and site maps. The SWPPP will be updated during the project if needed to reflect changes in conditions.

Sampling and Analysis Plan (SAP): Prior to demolition and ground disturbance, the project SAP will be submitted to the RWQCB for approval. The SAP will describe protocols and procedures that will be implemented for characterization of chemical impacts associated with past operations at the site. The SAP will address characterization of excavated soils, assessment of final in-place conditions, and testing of materials for reuse or offsite disposal. The SAP will be the primary guide used to determine suitability of material for reuse

Dewatering and Discharge Plan (DDP): Development of a plan for water management that includes handling, storage, testing, treatment, monitoring, and discharge will be prepared for the project and submitted to the RWQCB for approval if dewatering is required to complete the project. The plan will use available groundwater testing results to identify appropriate treatment and include a monitoring program to ensure discharge parameters contained in the permit are met.

Soil Gas Monitoring Program: The planned project development will occur within 1,000 feet of the Samoa Solid Waste Disposal Site (SWDS). An evaluation of soil pore gas from the SWDS will be required, per Title 27 California Code of Regulations Section 20925. A work plan to address soil gas conditions will be submitted to the Humboldt County Department of Environmental Health and CalRecycle for approval and implementation. The workplan will contain installation of soil gas probes and a monitoring program to evaluate subsurface conditions and potential impacts to site development. One year of site monitoring for soil gas is anticipated to be completed as part of this assessment program.

Health and Safety Plan (HASP): Preparation of a site-specific health and safety plan will be required for workers that may come in contact with contaminated materials. The HASP will outline procedures, training requirements, and contain applicable monitoring programs to limit worker exposure. A hazard analysis must be performed in accordance with industry standards to determine the appropriate level of personnel protection required for completing the work.

4.2.1 Structure Demolition

Standard demolition and excavation equipment will be used to remove structures and to segregate the material for sorting and processing. A demolition plan will be prepared for the project that describes the approach and processes to be implemented by the selected contractor. The plan will be an overview that evaluates all structures designated for removal and will require augmentation as it relates to specific engineering or onsite activities requiring additional planning.

Special handling and disposal of building materials identified to be impacted during the site-wide hazardous materials survey will be conducted (GHD, 2020). Separate plans provided by specialized contractors to address the removal and disposal of lead, asbestos-containing material, and universal waste will be prepared as part of the demolition permit for National Emission Standards for Hazardous Air Pollutants compliance and submitted to the North Coast Air Quality Management District. Approval of these plans will be required prior to initiation of site wide demolition activities.

As structures are demolished, the material will be segregated and stockpiled. Non-hazardous debris will be transported offsite for disposal as municipal solid waste (MSW) and metals will be recycled. Much of the concrete, brick, and tile is considered usable material and machines will sort and downsize the material for preparation as onsite reuse or recycling. Field screening and laboratory testing methods proposed for debris as part of this IMW are provided in Section 4.3.

4.2.2 Excavation of Soils

Demolition and construction activities will result in the excavation of soil that must be properly managed. The amount of soil to be excavated in the demolition and construction phases of this project is currently undetermined. Soil excavated during demolition work may be limited to near-surface material within proximity of the structure to be removed or if visible impacted by contaminants. The volume of soil to be excavated during the construction phase of the project will be far greater than the demolition phase. Soils excavated during demolition and construction at the site will be screened in the field according to methods described in Section 4.3 and stockpiled appropriately. To evaluate whether excess soil can be reused onsite or disposed of offsite, samples of the soil will be collected and tested, and the results compared to established screening levels.

Excavated soils identified to have impacts from mill operations that require off-site disposal will be moved for temporary stockpiling to a secure area of the site that is away from routine traffic and is high enough that water will not pond on or around the soil. The contaminated soil will be placed on, and covered with, plastic (Visqueen®) in such a way that the soil pile is protected from water runon and runoff. Soils that are not hazardous will be considered for site reuse if analytical results are below the published regulatory thresholds for residential or industrial soils. Table 1 provides industrial screening levels (where available) proposed for the project to ensure protection of human health and the environment.

Table 1. Regulatory Screening Thresholds for Site Reuse
Evergreen Pulp Mill, Samoa, California

Constituent Name	Screening Level	Constituent Name	Screening Level
Metals (mg/kg)[a]		**VOCs[b] (mg/kg)**	
Arsenic	4.2[c]	PCE[d]	390[c]
Cadmium	1,100[e]	TCE[f]	19[e]
Chromium	160[g]	Vinyl Chloride	370[c]
Lead	320[c]	1,1-DCE[h]	350[c]
Nickel	11,000[c]	**Dioxins (pg/g)[i]**	
Zinc	110,000[e]	2,3,7,8-TCDD[j]	18[c]
Petroleum Hydrocarbons (mg/kg)		TEQ[k]	200[l]
Diesel	1,200[e]	**Parameters**	
Motor Oil	54,000[e]	**pH**	**5.5 – 8.5**

[a] mg/kg: milligrams per kilogram
[b] VOCs: volatile organic compounds
[c] California Department of Toxic Substances Control, Human Health Risk Assessment Note 3, Screening Levels for Commercial/Industrial Soil, June 2020
[d] PCE: tetrachloroethylene
[e] San Francisco Bay Regional Water Quality Control Board, Tier 1 Environmental Screening Levels for Commercial/Industrial Shallow Soil, Revision 2, January 2019.
[f] TCE: trichloroethene
[g] [g]San Francisco Bay Regional Water Quality Control Board, Tier 1 Environmental Screening Levels for Terrestrial Habitat Soil, Revision 2, January 2019
[h] DCE: dichloroethene
[i] pg/g: picograms per gram
[j] TCDD: tetrachlorobenzeno-p-dioxin
[k] TEQ: toxic equivalent

4.2.3 Dewatering

Groundwater encountered during demolition and construction that requires removal will be pumped into appropriate containers, such as a Baker tanks for storage and characterization. Based on the results of characterization, the water will be discharged, treated, or transferred to a treatment facility, as appropriate. Water requiring treatment prior to discharge will be analyzed for COPCs following treatment according to the DDP monitoring program to ensure discharge permit thresholds are maintained. The estimated volume of water to be generated for the project is uncertain at this time. Excavation depths for construction are not anticipated to extend to groundwater and the use of dewatering wells for the project is not planned. Should use of the outfall pipe for discharge of treated groundwater during the demolition and construction phase of this project occur, a National Pollutant Discharge Elimination System (NPDES) permit from the RWQCB will be required.

4.3 Testing Program

The volumes of material to be generated during demolition for this project are not completely defined at this point. Initial estimates on the structures identified for demolition and processing look to exceed 50,000 tons and could have over 5,000 tons of metal recycled, and 4,000 tons of non-hazardous debris disposed as MSW. The testing program proposed will involve a combination of initial assessment through field screening as described in Section 4.3.1 followed by sample collection and laboratory testing.

The amount of soil excavated for this project that has potential for reuse could be in the range of several hundred thousand cubic yards. Based on this volume, the use of Incremental Sampling Methodology (ISM) for characterization of soils is the preferred approach to assess suitability of reuse. The SAP will contain the ISM program to evaluate the chemical quality of the material. Replicating ISM methodology should provide reasonably unbiased, reproducible estimates of the mean concentration of analytes in the decision for site reuse. Several thousand cubic yards of material excavated may ultimately require offsite transport and disposal. The testing program for material requiring offsite disposal will include COPCs and have a frequency determined by the facility designated to receive the material.

4.3.1 Field Screening

Field screening of debris and excavated soils will occur through visual observation and hand-held tools that will be outlined in the project SAP. All debris and excavated soils will be assessed for visible discoloration or staining, and if noticeable odors are present. Use of a hand-held Niton XLp 702A x-ray fluorescence (XRF) meter for metals and a portable photoionization detector (PID) for VOCs will be used to assist in field screening activities. The use of a pH meter for extracted water and pH strips on soil mixed with deionized water will additionally be implemented in the field to assess levels present.

Construction materials such as concrete and brick will be tested in the field for metals using the XRF prior to being processed (crushed) for reuse onsite. Exterior surfaces of materials selected for field screening will be analyzed using the device's "standard bulk" mode, which includes analysis for 15 elements. Records of concentrations of cadmium, chromium, lead, nickel, and zinc will be maintained through the field screening program. Frequency of testing with the XRF and for quality control will be developed based on the volume of material and the AOI of generation for RWQCB approval and implementation in the project SAP. Petroleum hydrocarbons and VOCs are not considered a potential contaminant of concern with debris material due to the coarse surface features.

Excavated soils will additionally be screened in the field using the XRF. Soil samples will first be analyzed using the hand-held XRF, and results for select metals will be recorded. A percentage of XRF-analyzed soil samples will be submitted to the laboratory for analysis by EPA 6010B, to which field screening results can be directly compared. Details of sample collection frequency in the field and laboratory testing will be provided in the project SAP.

Coarse material and soils not passing screening as determined by XRF results exceeding the more conservative value of either State of California industrial/commercial screening levels, will be separated for further evaluation. Coarse material recorded with concentrations below screening levels will be stockpiled onsite for processing and future use as needed.

Selected soil samples collected for the purpose of field screening of VOCs with the hand-held PID will be placed in a clean glass jar or plastic resealable bag. After some time has elapsed, the headspace will be quickly screened for the presence of VOC. The PID meter measures total volatile organics in the air in parts per million (ppm) by volume in reference to a selected standard. The meter cannot specifically identify each volatile compound but can be adjusted to be sensitive to selected VOCs.

All meter readings for soil samples screened in the field for metals and VOCs will be recorded on logs or daily field record sheets.

4.3.2 Laboratory Testing

Stockpiles will be divided based upon AOI, COPCs present and the number of samples determined from the volume estimate and composite ratio. Once stockpile volumes have been estimated and the number of samples has been determined, soil samples will be collected from the material for transportation to a state-certified laboratory under standard chain-of-custody protocols. The laboratory will composite and homogenize samples prior to analysis. Soil sample collection, storage, labeling, and chain-of-custody documentation will be performed according to procedures outlined in the project SAP to be developed at a future date.

It is anticipated that soil and groundwater samples collected during the project program will be analyzed for the following constituents:

- Total petroleum hydrocarbons as diesel and motor oil (TPHD/MO) using EPA Method 8015B
- California Administrative Manual (CAM) 17 metals using EPA 6010B
- Volatile organic compounds (VOCs) analyzed in general accordance with EPA Method No. 8260B
- Dioxins and furans by EPA Method 1613B

If necessary, Soluble Threshold Limit Concentrations (STLC) for metals and/or Toxicity Characteristic Leaching Procedure (TCLP) for organic constituents may be performed on the samples to meet the acceptance requirements of the disposal facility.

The analytical results of the soil stockpile samples will be used to determine the proper handling and disposal method for the soil. If the soil requires offsite disposal, a contractor licensed to transport such material will be used. The contractor will arrange transportation for the contaminated soil to a facility that is licensed to accept such soil. All contaminated soil shall be removed from the site within 90 days of generation, or as required.

4.3.3 QA/QC and Reporting

The project SAP will outline quality assurance and control quality (QA/QC) for the field program and laboratory testing. SOPs will be provided for field activities and the designated testing laboratory quality assurance manual will be included. A frequency according to industry standards for the number of samples to be analyzed, duplicate requirements, and testing limits for COPCs will be determined based on the volumes of material generated.

Following the completion of the field and testing program, a summary of findings will be prepared and submitted on behalf of NAFC to the RWQCB. The report will include a description of the work performed, a summary of field screening and laboratory testing results, analytical laboratory reports, maps depicting the analytical results, and recommendations for additional work, if needed.

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1 Historical Data

Appendix 1
Explanations
Evergreen Pulp Incorporated, Samoa, California

Glossary

Term	Definition
--:	not available/none/not applicable
<:	"less than" the stated laboratory reporting limit
B:	benzene, analyzed using EPA Method No. 8260B or 8021B
BGS:	below ground surface
CHHSL:	California Office of Environmental Health Hazard Assessment's California Human Health Screening Level for 2,3,7,8-TCDD equivalents; Table 1, commercial/industrial scenario. Accessed April 13, 2015 at: http://oehha.ca.gov/risk/chhsltable.html.
COD:	chemical oxygen demand
D:	presence of diphenyl ethers
DCA:	dichloroethane
DCE:	dichloroethene
DCO_2:	dissolved carbon dioxide
DO:	dissolved oxygen
DIPE:	diisopropyl ether, analyzed using EPA Method No. 8260B or 8021B
DOC:	dissolved organic carbon analyzed in general accordance with SM 20th Ed. 5310C
DTSC-SL:	California Department of Toxic Substances Control (DTSC). Human Health Risk Assessment Note 3 - Modified Screening Levels (SL) for Residential Soil, June 2020.
DUP-number:	duplicate sample
E:	ethylbenzene, analyzed using EPA Method No. 8260B or 8021B
EC:	specific conductance was either measured in the field prior to sampling or was analyzed using Standard Method (SM) 2510B.
EPA:	Environmental Protection Agency
ETBE:	ethyl tertiary-butyl ether, analyzed using EPA Method No. 8260B or 8021B
ft/ft:	feet per foot
IPB:	isopropyl benzene
IPT:	isopropyl toluene
IRIS:	EPA's Integrated Risk Information System
J:	Test results that fall below the reporting limit and above the method detection limit are considered approximate values.
M:	maximum possible concentration
mg/L $CaCO_3$:	milligrams per liter as calcium carbonate
mg/kg:	milligram per kilogram
mg/L:	milligrams per liter
MH-5:	manhole five - former process water discharge
MTBE:	methyl tertiary-butyl ether, analyzed using EPA Method No. 8260B or 8021B
mV:	millivolts
NA:	not analyzed/not applicable
NC:	not calculated
ND:	not detected
NF:	not found

NM:	not measured
ORP:	oxygen reduction potential
PCE:	tetrachloroethene
pg/g:	picogram/gram
pg/L	picograms per liter
POM:	particulate organic matter, analyzed in general accordance with Madej 2005
RfD:	reference dose
SB:	Soil boring
SGC:	silica gel cleanup
SFBRWQCB SL:	San Francisco Bay Regional Water Quality Control Board, Tier 1 Environmental Screening Levels for Shallow Residential Soils, January 2019.
SM:	standard method
T:	toluene, analyzed using EPA Method No. 8260B or 8021B
TAME:	tertiary-amyl methyl ether, analyzed using EPA Method No. 8260B or 8021B
TBA:	tertiary-butyl alcohol, analyzed using EPA Method No. 8260B or 8021B
TCA:	trichloroethane
TCE:	trichloroethene
TDS:	total dissolved solids
TICs:	tentatively identified compounds
TOC:	total organic carbon analyzed in general accordance with SM 20th Ed. 5310C
TPHD:	Total petroleum hydrocarbons as diesel, analyzed using U.S. Environmental Protection Agency (EPA) Method No. 8015B
TPHG:	Total petroleum hydrocarbons as gasoline, analyzed using EPA Method No. 8015B or
TPHMO:	Total petroleum hydrocarbons as motor oil, analyzed using U.S. Environmental
ug/L:	micrograms per liter
umhos/cm:	micromhos per centimeter
VOCs:	volatile organic compounds, analyzed using EPA Method No. 8260B.
WHO TEQ:	2005 World Health Organization toxic equivalent
X:	total xylenes, analyzed using EPA Method No. 8260B or 8021B

Explanations

For Table 1-2:

* Wells resurveyed on December 13, 2005. Datum changed from National Geodetic Vertical Datum 1929

** Feet based on mean sea level datum of NGVD29 for measurements through 2006. The mean sea level

† Feet below top of casing

For Table 1-3:

* All data prior to March 2010 was compiled from Freshwater Environmental Services & PES

** San Francisco Bay Regional Water Quality Control Board, 2007

† Taste and odor threshold from EPA Health Advisory (Marshack, 2004)

a. EPA Superfund Provisional Cancer Slope Factor (Marshack, 2004)

b. California Department of Health Services Primary Maximum Contaminant Level

c. California Department of Health Services Secondary Maximum Contaminant Level

d. Amoore and Hautala, Journal of Applied Toxicity., Vol. 3, No. 6, 1983

e. California Drinking Water Action Level (Marshack, 2004)

For Table 1-4

* Results are presented for select compounds only. See individual laboratory report for full list of

† All data prior to March 2010 was compiled from Freshwater Environmental Services & PES Environmental, Inc. reports.

** 1,4-Dioxane, analyzed using EPA Method No. 522.

b. California Department of Health Services Primary Maximum Contaminant Level (California Regional Water Quality Control Board, Accessed April 8, 2016)

c. California Department of Health California Notification Levels.

d. "Compounds found: Bicyclo[2.2.1]heptane-2,2,3-trimethyl-, exo-, or isomer = 6J/Bicyclo[2.2.1]heptan-2-

e. "Compounds found: Unknown = 5 J/Bicyclo[2.2.1]heptan-2-one, 1,3,3-trimethyl = 8 J/Cyclohexene, 4-methyl-1-(1-methylethyl)-, (R)- or isomer = 25 J /Cyclohexene, 4-methyl-1-(1-methylethyl)-, (R)-

For Table 1-5:

* All data prior to March 2010 was compiled from Freshwater Environmental Services & PES

‡. pH was either measured in the field prior to sampling or analyzed by the lab using SM 4500-H+B.

ϕ "Beginning in 2012, TDS was calculated from EC measurements using the following equation: [0.7549(EC in umhos/cm)0.9818 = TDS in mg/L]. Beginning in 2016, TDS analyzed using SM 2540C."

** Dissolved iron and manganese, analyzed in general accordance with EPA Method No. 200.7 Rev. 4.4

† Alkalinity, carbonate, and hydroxide, analyzed in general accordance with SM 20th Edition 2320 B

a. Nitrate as nitrogen, chloride, and sulfate, analyzed in general accordance with U.S. Environmental

b Bromate, analyzed in general accordance with EPA Method No. 317.0

c. California Department of Health Services Secondary Maximum Contaminant Level (California Regional Water Quality Control Board, Accessed April 8, 2016)

d. EPA Secondary Maximum Contaminant Level (Marshack, 2004)

e. Calculated background concentration

f. California Department of Health Services Primary Maximum Contaminant Level (California Regional

g. Continuing calibration verification recovery was above method acceptance limits; no material impact on

h. Samples were incorrectly labeled in the field; results are presented correctly in report

i. Estimated value due to color of the water

j. Beyond capacity of meter

k. The matrix spike and/or matrix spike duplicate performed on this sample did not meet laboratory acceptance criteria

l Not detected due to dark color of groundwater

m. Sample required a dilution due to the matrix or high concentration of a non-target analyte.

For Table 1-6:

* Metals were analyzed using U.S. Environmental Protection Agency (EPA) 200 Series or 200.8 Rev 5.4 (as of 2010). Hexavalent Chromium was analyzed using the 6000/7000 Series Methods or Standard Method (SM) 20th Ed. 3500-Cr B (as of 2010). Mercury was analyzed using EPA 7470.

** All data prior to March 2010 was compiled from Freshwater Environmental Services & PES

† California Department of Health Services Primary Maximum Contaminant Level (California Regional Water Quality Control Board, Accessed April 8, 2016)

a. EPA's Integrated Risk Information System (IRIS) reference dose (RfD) for Drinking Water (California Regional Water Quality Control Board, Accessed April 8, 2016)

b. California Department of Health Services Secondary Maximum Contaminant Level (California Regional Water Quality Control Board, Accessed April 8, 2016)
c. Calculated background concentration
d. California Notification Level (Department of Health Services) (California Regional Water Quality Control
e. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute
f. Sample was not field filtered for hexavalent chromium. Results for hexavalent chromium are total, not

For Table 1-7

a. Samples dated November 13, 2013, were collected and field composited by LACO Associates (LACO, 2014)

b. 7174-C13,C16,C19: Field composited wellpoint sample from borings C13, C16, and C19 (LACO, 2014)

c. WQO: water quality objective, California Maximum Contaminant Level for 2,3,7,8-TCDD equivalents.

For Table 1-8

a. Samples dated November 13, 2013, were collected and field composited by LACO Associates (LACO,

For Table 1-9:

* Dioxins/Furans by EPA 8290A

Screening levels = 2,3,7,8-TCDD (DTSC HERO Note 3, June 2020), TEQ Residential/Industrial (DTSC HERO

For Table 1-10:

** Metals by EPA Method 6010B, Mercury by EPA Method 7471A

* Arsenic was compared to the regional background concentration of 5. 7 mg/kg (Kearney 1996)

Table 1-1
Monitoring Well Construction Details
Evergreen Pulp Incorporated, Samoa, California

Well ID	Date Installed	Total Boring Depth (feet BGS)	Total Well Depth (feet BGS)	Well Diameter (inches)	Screen Interval (feet BGS)	Screen Slot Size (inches)	Filter Pack (feet BGS)	Bentonite Seal (feet BGS)	Grout Seal (feet BGS)	Concrete Surface Seal (feet BGS)
Shallow Wells										
MW-1	10/29/97	24	23.5	4	7.5 - 23.5	0.01	6.5 - 24.0	4.0 - 6.5	2.0 - 4.0	0.0 - 2.0
MW-2	10/28/97	23	23	4	8.0 - 23.0	0.01	7.0 - 23.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-3	10/29/97	24	23	4	8.0 - 23.0	0.01	7.0 - 24.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-4	10/30/97	24	23	4	8.0 - 23.0	0.01	7.0 - 24.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-5	10/30/97	24	23	4	8.0 - 23.0	0.01	7.0 - 24.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-6	10/27/97	36.5	23	4	8.0 - 23.0	0.01	7.0 - 36.5	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-7	10/27/97	24	23	4	8.0 - 23.0	0.01	7.0 - 24.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-8	10/28/97	23	23	4	8.0 - 23.0	0.01	7.0 - 23.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-9	10/30/97	24	23	4	8.0 - 23.0	0.01	7.0 - 24.0	5.0 - 7.0	2.0 - 5.0	0.0 - 2.0
MW-10	10/27/97	21.5	20	4	5.0 - 20.0	0.01	4.0 - 21.5	2.0 - 4.0	1.0 - 2.0	0.0 - 1.0
MW-11	09/30/03	20	20	4	5.0 - 20.0	0.01	4.0 - 20.0	2.0 - 4.0	1.0 - 2.0	0.0 - 1.0
MW-12	01/03/05	20	20	4	5.0 - 20.0	0.01	3.0 - 19.0	1.5 - 3.0	1.0 - 1.5	0.0 - 1.0
MW-13	01/03/05	20	20	4	5.0 - 20.0	0.01	3.0 - 19.5	1.5 - 3.0	1.0 - 1.5	0.0 - 1.0
MW- 14	01/16/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW- 15	01/16/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW- 16	01/14/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW-17	01/15/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW-18	01/14/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW-19	01/15/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW-20	01/15/08	23	23	2	8.0-23.0	0.01	7.0-24.0	5.0-7.0	1.0-5.0	0.0-1.0
MW-23	07/19/12	20	20	2	10.0-20.0	0.01	8.0-20.0	6.0-8.0	0.0-6.0	0.0-1.0
Intermediate Wells										
MW-9I	07/20/12	30	30	2	20.0-30.0	0.01	18.5-30.0	16.5-18.5	0.0-16.5	0.0-1.0
MW-11I	10/10/11	30	30	2	20.0-30.0	0.01	18.0-30.0	11.0-18.0	1.0-11.0	0.0-1.0
MW-13I	10/10/11	30	30	2	20.0-30.0	0.01	18.0-30.0	10.0-18.0	1.0-10.0	0.0-1.0
MW-22I	10/10/11	30	30	2	20.0-30.0	0.01	18.0-30.0	10.0-18.0	1.0-10.0	0.0-1.0
MW-23I	07/19/12	35	33	2	25.0-35.0	0.01	24.0-35.0	21.0-24.0	0.0-21.0	0.0-1.0
Deep Wells										
MW-5D	02/05/08	100	100	2	90.0-100.0	0.01	88.0-100.0	4.0-88.0	1.0-36.0	0.0-1.0
MW-13D	01/17/08	50	50	2	40.0-50.0	0.01	38.0-50.0	36.0-38.0	1.0-4.0	0.0-1.0
MW-15D	02/06/08	150	150	2	140.0-150.0	0.01	138.0-150.0	4.0-138.0	1.0-4.0	0.0-1.0
MW-16D	02/08/08	120	120	2	110.0-120.0	0.01	108.0-120.0	4.0-108.0	1.0-4.0	0.0-1.0
MW-20D	02/07/08	50	46.75	2	36.75-46.75	0.01	34.0-46.75	4.0-34.0	1.0-4.0	0.0-1.0
MW-21D	02/04/08	89	88	2	79.0-89.0	0.01	77.0-90.0	4.0-77.0	1.0-4.0	0.0-1.0
Soil-Gas Wells										
SG-1	09/10/14	4	4	0.25	5.3-5.5	NA	3.0-4.0	1.0-3.0	--	0.0-1.0
SG-2	09/10/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-3	09/10/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-4	09/10/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-5	09/10/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-6	09/11/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-7	09/11/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-8	09/11/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0
SG-9	09/11/14	5.5	5.5	0.25	5.3-5.5	NA	4.5-5.5	1-4.5	--	0.0-1.0

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-1	11/19/97	17.86	13.78	4.08
	04/21/98	17.86	12.65	5.21
	12/16/98	17.86	11.99	5.87
	01/28/99	17.86	14.60	3.26
	02/23/99	17.86	13.32	4.54
	03/31/99	17.86	12.30	5.56
	04/16/99	17.86	13.02	4.84
	05/13/99	17.86	14.32	3.54
	06/18/99	17.86	14.54	3.32
	07/30/99	17.86	15.19	2.67
	09/30/99	17.86	15.39	2.47
	10/31/99	17.86	14.66	3.20
	11/30/99	17.86	14.07	3.79
	12/15/99	17.86	13.46	4.40
	01/31/00	17.86	13.22	4.64
	06/12/01	17.86	15.19	2.67
	05/15/02	17.86	14.68	3.18
	04/07/03	17.86	13.09	4.77
	06/29/04	17.86	14.90	2.96
	11/29/04	17.86	14.22	3.64
	03/29/05	17.86	13.40	4.46
	08/30/05	17.86	14.72	3.14
	02/28/06	17.87	12.62	5.25
	07/20/06	17.87	14.74	3.13
	03/28/07	21.19	13.34	7.85
	08/27/07	21.19	14.82	6.37
	03/10/08	21.19	13.57	7.62
	03/15/10	21.19	12.56	8.63
	09/13/10	21.19	14.84	6.35
	03/11/13	21.19	13.83	7.36
	01/26/15	21.19	12.93	8.26
	05/02/17	21.19	13.01	8.18
MW-2	11/19/97	17.59	13.44	4.15
	04/21/98	17.59	12.38	5.21
	12/16/98	17.59	11.73	5.86
	01/28/99	17.59	14.20	3.39
	02/23/99	17.59	13.22	4.37
	03/31/99	17.59	12.08	5.51
	04/16/99	17.59	12.82	4.77
	05/13/99	17.59	14.02	3.57
	06/18/99	17.59	14.26	3.33
	07/30/99	17.59	14.79	2.80

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-2 cont'd	09/30/99	17.59	14.50	3.09
	10/31/99	17.59	14.32	3.27
	11/30/99	17.59	13.74	3.85
	12/15/99	17.59	13.18	4.41
	01/31/00	17.59	12.99	4.60
	06/12/01	17.59	14.89	2.70
	05/15/02	17.59	14.39	3.20
	04/07/03	17.59	12.82	4.77
	06/29/04	17.59	14.61	2.98
	11/29/04	17.59	13.93	3.66
	01/10/05	17.59	12.25	5.34
	02/28/05	17.59	13.04	4.55
	03/21/05	17.59	13.15	4.44
	03/29/05	17.59	13.06	4.53
	04/29/05	17.59	13.20	4.39
	08/30/05	17.59	14.45	3.14
	02/28/09	17.60	12.32	5.28
	07/20/06	17.60	14.43	3.17
	03/28/07	20.93	13.05	7.88
	08/27/07	20.93	14.54	6.39
	03/10/08	20.93	13.29	7.64
	03/15/10	20.93	12.24	8.69
	09/13/10	20.93	14.55	6.38
	03/11/13	20.93	13.52	7.41
	01/26/15	20.93	12.62	8.31
	02/23/16	20.93	11.85	9.08
	05/18/16	20.93	13.58	7.35
	08/16/16	20.93	14.30	6.63
	11/16/16	20.93	12.60	8.33
	02/22/17	20.93	11.17	9.76
	05/02/17	20.93	12.74	8.19
	08/01/17	20.93	14.38	6.55
	11/07/17	20.93	13.95	6.98
	02/05/18	20.93	12.51	8.42
	05/29/18	20.93	13.80	7.13
	08/22/18	20.93	14.34	6.59
	11/05/18	20.93	14.10	6.83
	02/05/19	20.93	12.16	8.77
	05/13/19	20.93	13.38	7.55
	08/05/19	20.93	14.46	6.47

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-2 cont'd	11/05/19	20.93	14.09	6.84
	02/05/20	20.93	12.24	8.69
	06/08/20	20.93	13.79	7.14
MW-3	11/19/97	18.34	14.63	3.71
	04/21/98	18.34	13.38	4.96
	12/16/98	18.34	12.84	5.50
	01/28/99	18.34	15.40	2.94
	02/23/99	18.34	14.02	4.32
	03/31/99	18.34	13.00	5.34
	04/16/99	18.34	13.02	5.32
	05/13/99	18.34	14.92	3.42
	06/18/99	18.34	15.29	3.05
	07/30/99	18.34	15.72	2.62
	09/30/99	18.34	15.16	3.18
	10/31/99	18.34	15.50	2.84
	11/30/99	18.34	14.92	3.42
	12/15/99	18.34	14.35	3.99
	01/31/00	18.34	13.94	4.40
	06/12/01	18.34	15.84	2.50
	05/15/02	18.34	15.37	2.97
	04/07/03	18.34	13.82	4.52
	06/29/07	18.34	15.54	2.80
	11/29/04	18.34	14.95	3.39
	03/29/05	18.34	14.00	4.34
	08/30/05	18.34	15.37	2.97
	02/28/06	18.35	13.23	5.12
	07/20/06	18.35	15.43	2.92
	03/28/07	21.67	14.05	7.62
	08/27/07	21.67	15.47	6.20
	03/10/08	21.67	14.27	7.40
	03/15/10	21.67	13.37	8.30
	09/13/10	21.67	15.56	6.11
	03/11/13	21.67	14.60	7.07
	05/02/17	21.67	NM[4]	NM
MW-4	11/19/97	18.29	14.48	3.81
	04/21/98	18.29	13.22	5.07
	12/16/98	18.29	12.78	5.51
	01/28/99	18.29	15.20	3.09
	02/23/99	18.29	13.92	4.37
	03/31/99	18.29	13.04	5.25
	04/16/99	18.29	13.62	4.67
	05/13/99	18.29	14.82	3.47

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-4 cont'd	06/18/99	18.29	15.19	3.10
	07/30/99	18.29	15.60	2.69
	09/30/99	18.29	15.43	2.86
	10/31/99	18.29	15.35	2.94
	11/30/99	18.29	14.75	3.54
	12/15/99	18.29	14.22	4.07
	01/31/00	18.29	13.88	4.41
	06/12/01	18.29	15.68	2.61
	05/15/02	18.29	15.20	3.09
	04/07/03	18.29	13.71	4.58
	06/29/04	18.29	15.40	2.89
	11/29/04	18.29	14.85	3.44
	03/29/05	18.29	14.02	4.27
	08/30/05	18.29	15.23	3.06
	02/28/06	18.34	13.17	5.17
	07/20/06	18.34	15.30	3.04
	03/28/07	21.67	13.98	7.69
	08/27/07	21.67	15.37	6.30
	05/10/08	21.67	14.15	7.52
	03/15/10	21.67	13.28	8.39
	09/13/10	21.67	15.46	6.21
	03/11/13	21.67	14.49	7.18
	01/26/15	21.67	13.61	8.06
	05/02/17	21.67	13.62	8.05
MW-5	11/19/97	18.02	14.11	3.91
	04/21/98	18.02	12.77	5.25
	12/16/98	18.02	12.55	5.47
	01/28/99	18.02	14.90	3.12
	02/23/99	18.02	13.72	4.30
	03/31/99	18.02	12.90	5.12
	04/16/99	18.02	13.42	4.60
	05/13/99	18.02	14.42	3.60
	06/18/99	18.02	14.92	3.10
	07/30/99	18.02	15.22	2.80
	09/30/99	18.02	14.99	3.03
	10/31/99	18.02	14.96	3.06
	11/30/99	18.02	14.40	3.62
	12/15/99	18.02	13.91	4.11
	01/31/00	18.02	13.62	4.40
	06/12/01	18.02	15.31	2.71
	05/15/02	18.02	14.76	3.26
	04/08/03	18.02	13.40	4.62

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-5 cont'd	06/29/04	18.02	15.08	2.94
	11/29/04	18.02	14.55	3.47
	03/29/05	18.02	13.82	4.20
	08/30/08	18.02	14.85	3.17
	02/28/06	18.06	12.83	5.23
	07/20/06	18.06	14.93	3.13
	03/28/07	21.38	13.74	7.64
	08/27/07	21.38	15.02	6.36
	03/10/08	21.38	13.86	7.52
	03/15/10	21.38	13.03	8.35
	09/13/10	21.38	15.24	6.14
	03/11/13	21.38	14.24	7.14
	07/11/14	21.38	15.09	6.29
	05/02/17	21.38	13.34	8.04
MW-5D	03/15/10	21.30	13.11	8.19
	09/13/10	21.30	14.79	6.51
	03/11/13	21.30	14.05	7.25
	07/11/14	21.30	14.58	6.72
	05/02/17	21.30	13.81	7.49
MW-6	11/19/97	17.92	13.92	4.00
	04/21/98	17.92	12.78	5.14
	12/16/98	17.92	12.43	5.49
	01/28/99	17.92	14.80	3.12
	02/23/99	17.92	13.52	4.40
	03/31/99	17.92	12.65	5.27
	04/16/99	17.92	13.32	4.60
	05/13/99	17.92	14.32	3.60
	06/18/99	17.92	14.64	3.28
	07/30/99	17.92	15.12	2.80
	09/30/99	17.92	14.90	3.02
	10/31/99	17.92	14.85	3.07
	11/30/99	17.92	14.30	3.62
	12/15/99	17.92	13.80	4.12
	01/31/00	17.92	13.54	4.38
	06/12/01	17.92	15.19	2.73
	05/15/02	17.92	14.71	3.21
	04/07/03	17.92	13.24	4.68
	06/29/04	17.92	14.96	2.96
	11/29/04	17.92	14.41	3.51
	03/29/05	17.92	13.62	4.30
	08/30/05	17.92	14.80	3.12
	02/28/06	17.96	12.72	5.24

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-6 cont'd	07/20/06	17.96	14.82	3.14
	03/28/07	21.28	13.55	7.73
	08/27/07	21.28	14.97	6.31
	03/10/08	21.28	13.72	7.56
	03/15/10	21.28	12.77	8.51
	09/13/10	21.28	14.99	6.29
	03/11/13	21.28	13.97	7.31
	07/10/14	21.28	14.82	6.46
	05/02/17	21.28	13.12	8.16
MW-7	11/19/97	18.45	14.99	3.46
	04/21/98	18.45	13.93	4.52
	12/16/98	18.45	13.59	4.86
	01/28/99	18.45	15.90	2.55
	02/23/99	18.45	14.62	3.83
	03/31/99	18.45	13.62	4.83
	04/16/99	18.45	14.22	4.23
	05/13/99	18.45	14.72	3.73
	06/18/99	18.45	15.62	2.83
	07/30/99	18.45	15.98	2.47
	09/30/99	18.45	15.89	2.56
	10/31/99	18.45	15.89	2.56
	11/30/99	18.45	15.35	3.10
	12/15/99	18.45	14.84	3.61
	01/31/00	18.45	14.43	4.02
	06/12/01	18.45	16.19	2.26
	05/15/02	18.45	15.71	2.74
	04/07/03	18.45	14.32	4.13
	06/29/04	18.45	15.88	2.57
	11/29/04	18.45	15.39	3.06
	01/10/05	18.45	13.61	4.84
	02/28/05	18.45	14.51	3.94
	03/21/05	18.45	14.67	3.78
	03/29/05	18.45	14.63	3.82
	04/29/05	18.45	14.60	3.85
	08/30/05	18.45	15.69	2.76
	02/28/06	18.46	13.79	4.67
	07/20/06	18.46	15.79	2.67
	03/28/07	21.79	14.59	7.20
	08/27/07	21.79	15.82	5.97
	03/10/08	21.79	14.77	7.02
	03/15/10	21.79	13.96	7.83
	09/13/10	21.79	15.89	5.90

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-7 cont'd	03/11/13	21.79	15.06	6.73
	01/26/15	21.79	14.20	7.59
	05/02/17	21.79	14.24	7.55
	11/19/97	18.27	13.62	4.65
	04/21/98	18.27	13.33	4.94
	12/16/98	18.27	13.08	5.19
	01/28/99	18.27	15.30	2.97
	02/23/99	18.27	14.22	4.05
	03/31/99	18.27	13.24	5.03
	04/16/99	18.27	13.82	4.45
	05/13/99	18.27	14.92	3.35
	06/18/99	18.27	15.12	3.15
	07/30/99	18.27	15.53	2.74
	09/30/99	18.27	15.38	2.89
	10/31/99	18.27	15.33	2.94
	11/30/99	18.27	14.82	3.45
	12/15/99	18.27	14.36	3.91
	01/31/00	18.27	14.07	4.20
	06/12/01	18.27	15.69	2.58
	05/15/02	18.27	15.14	3.13
	04/07/03	18.27	13.78	4.49
	06/29/04	18.27	15.41	2.86
	11/29/04	18.27	14.95	3.32
	01/10/05	18.27	13.38	4.89
	02/28/05	18.27	14.02	4.25
	03/21/05	18.27	14.10	4.17
	03/29/05	18.27	14.15	4.12
	04/29/05	18.27	14.10	4.17
	08/30/05	18.27	15.23	3.04
	02/28/06	18.31	13.25	5.06
	07/20/06	18.31	15.27	3.04
	03/28/07	21.63	14.10	7.53
	08/27/07	21.63	15.40	6.23
	03/10/08	21.63	14.26	7.37
	03/15/10	21.63	14.01	7.62
	09/13/10	21.63	15.48	6.15
	03/11/13	21.63	14.55	7.08
	07/11/14	21.63	17.33	4.30
	05/02/17	21.63	13.65	7.98

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-8	11/19/97	18.27	13.62	4.65
	04/21/98	18.27	13.33	4.94
	12/16/98	18.27	13.08	5.19
	01/28/99	18.27	15.30	2.97
	02/23/99	18.27	14.22	4.05
	03/31/99	18.27	13.24	5.03
	04/16/99	18.27	13.82	4.45
	05/13/99	18.27	14.92	3.35
	06/18/99	18.27	15.12	3.15
	07/30/99	18.27	15.53	2.74
	09/30/99	18.27	15.38	2.89
	10/31/99	18.27	15.33	2.94
	11/30/99	18.27	14.82	3.45
	12/15/99	18.27	14.36	3.91
	01/31/00	18.27	14.07	4.20
	06/12/01	18.27	15.69	2.58
	05/15/02	18.27	15.14	3.13
	04/07/03	18.27	13.78	4.49
	06/29/04	18.27	15.41	2.86
	11/29/04	18.27	14.95	3.32
	01/10/05	18.27	13.38	4.89
	02/28/05	18.27	14.02	4.25
	03/21/05	18.27	14.10	4.17
	03/29/05	18.27	14.15	4.12
	04/29/05	18.27	14.10	4.17
	08/30/05	18.27	15.23	3.04
	02/28/06	18.31	13.25	5.06
	07/20/06	18.31	15.27	3.04
	03/28/07	21.63	14.10	7.53
	08/27/07	21.63	15.40	6.23
	03/10/08	21.63	14.26	7.37
	03/15/10	21.63	14.01	7.62
	09/13/10	21.63	15.48	6.15
	03/11/13	21.63	14.55	7.08
	07/11/14	21.63	17.33	4.30
	05/02/17	21.63	13.65	7.98
MW-9	11/19/97	18.58	15.30	3.28
	04/21/98	18.58	14.87	3.71
	12/16/98	18.58	14.76	3.82
	01/28/99	18.58	16.50	2.08
	02/23/99	18.58	15.42	3.16
	03/31/99	18.58	14.71	3.87

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-9 cont'd	04/16/99	18.58	15.22	3.36
	05/13/99	18.58	16.02	2.56
	06/18/99	18.58	16.19	2.39
	07/30/99	18.58	16.42	2.16
	09/30/99	18.58	16.31	2.27
	10/31/99	18.58	16.37	2.21
	11/30/99	18.58	15.92	2.66
	12/15/99	18.58	15.69	2.89
	01/31/00	18.58	15.27	3.31
	06/12/01	18.58	16.58	2.00
	05/15/02	18.58	16.26	2.32
	04/08/03	18.58	15.08	3.50
	06/29/04	18.58	16.29	2.29
	11/29/04	18.58	16.00	2.58
	03/29/05	18.58	15.30	3.28
	08/30/05	18.58	16.10	2.48
	02/28/06	18.58	14.55	4.03
	07/20/06	18.58	16.19	2.39
	03/28/07	21.90	15.44	6.46
	08/27/07	21.90	16.29	5.61
	03/10/08	21.90	15.58	6.32
	03/15/10	21.90	15.50	6.40
	09/13/10	21.90	16.30	5.60
	07/23/12	21.90	16.20	5.70
	03/11/13	21.90	15.65	6.25
	02/23/16	21.90	14.32	7.58
	05/18/16	21.90	15.66	6.24
	08/16/16	21.90	16.11	5.79
	11/16/16	21.90	15.01	6.89
	02/22/17	21.90	13.66	8.24
	05/02/17	21.90	15.03	6.87
	08/01/17	21.90	16.05	5.85
	11/07/17	21.90	15.86	6.04
	02/05/18	21.90	15.00	6.90
	05/29/18	21.90	15.79	6.11
	08/22/18	21.90	16.07	5.83
	11/05/18	21.90	16.04	5.86
	02/05/19	21.90	14.43	7.47
	05/13/19	21.90	15.32	6.58
	08/05/19	21.90	16.23	5.67

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-9 cont'd	11/05/19	21.90	15.87	6.03
	02/05/20	21.90	14.73	7.17
	06/08/20	21.90	15.71	6.19
MW-9I	07/23/12	22.00	16.31	5.69
	03/11/13	22.00	15.75	6.25
	02/23/16	22.00	14.41	7.59
	05/18/16	22.00	15.75	6.25
	08/16/16	22.00	16.21	5.79
	11/16/16	22.00	15.10	6.90
	02/22/17	22.00	13.74	8.26
	05/02/17	22.00	15.12	6.88
	08/01/17	22.00	16.15	5.85
	11/07/17	22.00	15.95	6.05
	02/05/18	22.00	14.91	7.09
	05/29/18	22.00	15.89	6.11
	08/22/18	22.00	16.16	5.84
	11/05/18	22.00	16.13	5.87
	02/05/19	22.00	14.52	7.48
	05/13/19	22.00	15.41	6.59
	08/05/19	22.00	16.13	5.87
	11/05/19	22.00	15.96	6.04
	02/05/20	22.00	14.82	7.18
	06/08/20	22.00	15.81	6.19
MW-10	11/19/97	17.04	13.72	3.32
	04/21/98	17.04	13.24	3.80
	12/16/98	17.04	13.71	3.33
	01/28/99	17.04	15.00	2.04
	02/23/99	17.04	13.92	3.12
	03/31/99	17.04	13.18	3.86
	04/16/99	17.04	13.72	3.32
	05/13/99	17.04	14.42	2.62
	06/18/99	17.04	14.57	2.47
	04/16/99	17.04	13.72	3.32
	05/13/99	17.04	14.42	2.62
	06/18/99	17.04	14.57	2.47
	07/30/99	17.04	14.82	2.22
	09/30/99	17.04	14.71	2.33
	10/31/99	17.04	14.77	2.27
	11/30/99	17.04	14.32	2.72
	12/15/99	17.04	14.11	2.93
	01/31/00	17.04	13.67	3.37
	06/12/01	17.04	15.02	2.02

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-10 cont'd	05/15/02	17.04	14.68	2.36
	04/07/03	17.04	13.56	3.48
	06/29/04	17.04	14.77	2.27
	11/29/04	17.04	14.45	2.59
	03/29/05	17.04	13.68	3.36
	08/30/05	17.04	14.55	2.49
	03/01/06	17.06	12.97	4.09
	07/20/06	17.06	14.62	2.44
	03/28/07	20.38	13.86	6.52
	08/27/07	20.38	14.75	5.63
	03/10/08	20.38	13.97	6.41
	03/15/10	20.38	13.85	6.53
	09/13/10	20.38	14.73	5.65
	07/23/12	20.38	14.60	5.78
	03/11/13	20.38	14.05	6.33
	05/02/17	20.38	13.35	7.03
MW-11	06/29/04	14.61	12.90	1.71
	11/29/04	14.61	13.01	1.60
	03/29/05	14.61	12.35	2.26
	08/30/05	14.61	12.75	1.86
	02/28/06	14.64	11.27	3.37
	07/20/06	14.64	12.93	1.71
	03/28/07	17.96	12.09	5.87
	08/27/07	17.96	12.42	5.54
	03/10/08	17.96	12.48	5.48
	03/15/10	17.96	11.56	6.40
	09/13/10	17.96	12.52	5.44
	07/23/12	17.96	13.35	4.61
	03/11/13	17.96	12.15	5.81
	02/22/17	17.96	10.41	7.55
	05/02/17	17.96	12.32	5.64
	08/01/17	17.96	12.41	5.55
	11/07/17	17.96	12.36	5.60
	02/05/18	17.96	11.40	6.56
	05/29/18	17.96	12.66	5.30
	08/22/18	17.96	12.35	5.61
	11/05/18	17.96	12.00	5.96
	02/05/19	17.96	10.57	7.39
	05/13/19	17.96	12.17	5.79
	08/05/19	17.96	13.16	4.80

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-11 cont'd	11/05/19	17.96	12.19	5.77
	02/05/20	17.96	11.46	6.50
	06/08/20	17.96	13.16	4.80
MW-11I	07/23/12	17.98	13.40	4.58
	03/11/13	17.98	12.18	5.80
	02/22/17	17.98	10.46	7.52
	05/02/17	17.98	13.02	4.96
	08/01/17	17.98	12.37	5.61
	11/07/17	17.98	12.69	5.29
	02/05/18	17.98	12.58	5.40
	05/29/18	17.98	12.99	4.99
	08/22/18	17.98	12.33	5.65
	11/05/18	17.98	11.85	6.13
	02/05/19	17.98	10.87	7.11
	05/13/19	17.98	12.65	5.33
	08/05/19	17.98	13.45	4.53
	11/05/19	17.98	12.05	5.93
	02/05/20	17.98	11.39	6.59
	06/08/20	17.98	13.52	4.46
MW-12	01/10/05	14.50	10.30	4.20
	03/29/05	14.50	11.49	3.01
	08/30/05	14.50	12.18	2.32
	02/28/06	14.04	11.36	2.68
	07/20/06	14.04	12.30	1.74
	03/28/07	17.36	11.76	5.60
	08/27/07	17.36	12.29	5.07
	03/10/08	17.36	11.98	5.38
	03/15/10	17.36	11.22	6.14
	09/13/10	17.36	12.24	5.12
	07/23/12	17.36	12.24	5.12
	03/11/13	17.36	11.84	5.52
	05/02/17	17.36	11.58	5.78
MW-13	01/10/05	14.55	10.11	4.44
	03/29/05	14.55	12.54	2.01
	08/30/05	14.55	12.88	1.67
	02/28/06	14.57	12.15	2.42
	07/20/06	14.57	13.01	1.56
	03/28/07	17.89	12.38	5.51
	08/27/07	17.89	12.66	5.23
	03/10/08	17.89	12.73	5.16
	03/15/10	17.89	11.90	5.99
	09/13/10	17.89	12.71	5.18

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-13 cont'd	07/23/12	17.89	13.09	4.80
	03/11/13	17.89	12.52	5.37
	02/23/16	17.89	11.56	6.33
	05/18/16	17.89	12.65	5.24
	08/16/16	17.89	12.8	5.09
	11/16/16	17.89	11.83	6.06
	02/22/17	17.89	10.48	7.41
	05/02/17	17.89	12.40	5.49
	08/01/17	17.89	12.69	5.20
	11/07/17	17.89	12.56	5.33
	02/05/18	17.89	11.81	6.08
	05/29/18	17.89	12.75	5.14
	08/22/18	17.89	12.69	5.20
	11/05/18	17.89	12.51	5.38
	02/05/19	17.89	11.35	6.54
	05/13/19	17.89	12.49	5.40
	08/05/19	17.89	12.89	5.00
	11/05/19	17.89	12.93	4.96
	02/05/20	17.89	11.93	5.96
	06/08/20	17.89	12.62	5.27
MW-13D	03/15/10	17.74	11.27	6.47
	09/13/10	17.74	12.20	5.54
	07/23/12	17.74	13.34	4.40
	03/11/13	17.74	12.06	5.68
	02/23/16	17.74	10.61	7.13
	05/18/16	17.74	12.14	5.60
	08/16/16	17.74	12.46	5.28
	11/16/16	17.74	11.31	6.43
	02/22/17	17.74	10.34	7.40
	05/02/17	17.74	13.11	4.63
	08/01/17	17.74	12.11	5.63
	11/07/17	17.74	12.57	5.17
	02/05/18	17.74	12.62	5.12
	05/29/18	17.74	12.89	4.85
	08/22/18	17.74	12.07	5.67
	11/05/18	17.74	11.46	6.28
	02/05/19	17.74	10.25	7.49
	05/13/19	17.74	12.65	5.09
	08/05/19	17.74	13.45	4.29
	11/05/19	17.74	11.83	5.91
	02/05/20	17.74	11.17	6.57
	06/08/20	17.74	13.63	4.11

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-13I	07/23/12	17.56	13.34	4.22
	03/11/13	17.56	12.05	5.51
	02/23/16	17.56	10.47	7.09
	05/18/16	17.56	11.95	5.61
	08/16/16	17.56	12.30	5.26
	11/16/16	17.56	10.35	7.21
	02/22/17	17.56	10.21	7.35
	05/02/17	17.56	13.19	4.37
	08/01/17	17.56	11.96	5.60
	11/07/17	17.56	12.51	5.05
	02/05/18	17.56	12.69	4.87
	05/29/18	17.56	12.67	4.89
	08/22/18	17.56	11.91	5.65
	11/05/18	17.56	11.18	6.38
	02/05/19	17.56	10.06	7.50
	05/13/19	17.56	12.74	4.82
	08/05/19	17.56	13.47	4.09
	11/05/19	17.56	11.66	5.90
	02/05/20	17.56	11.25	6.31
	06/08/20	17.56	13.69	3.87
MW- 14	03/15/10	21.51	14.18	7.33
	09/13/10	21.51	15.55	5.96
	03/11/13	21.51	14.69	6.82
	07/10/14	21.51	15.39	6.12
	05/02/17	21.51	13.82	7.69
MW- 15	03/15/10	21.32	13.24	8.08
	09/13/10	21.32	15.33	5.99
	03/11/13	21.32	14.41	6.91
	01/26/15	21.32	13.50	7.82
	05/02/17	21.32	13.55	7.77
MW- 15D	03/15/10	21.60	14.38	7.22
	09/13/10	21.60	16.20	5.40
	03/11/13	21.60	15.83	5.77
	05/02/17	21.60	NM	NM
MW-16	03/15/10	21.06	13.59	7.47
	09/13/10	21.06	15.32	5.74
	03/11/13	21.06	14.59	6.47
	05/02/17	21.06	13.88	7.18

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW- 16D	03/15/10	21.41	14.33	7.08
	09/13/10	21.41	15.96	5.45
	03/11/13	21.41	15.25	6.16
	05/02/17	21.41	15.15	6.26
MW-17	03/15/10	21.55	14.57	6.98
	09/13/10	21.55	15.98	5.57
	07/23/12	21.55	15.90	5.65
	03/11/13	21.55	15.37	6.18
	07/10/14	21.55	17.80	3.75
	05/02/17	21.55	13.79	7.76
MW-18	03/15/10	20.50	13.70	6.80
	09/13/10	20.50	15.01	5.49
	03/11/13	20.50	14.48	6.02
	05/02/17	20.50	13.92	6.58
MW-19	03/15/10	20.89	14.45	6.44
	09/13/10	20.89	15.55	5.34
	07/23/12	20.89	15.61	5.28
	03/11/13	20.89	15.09	5.80
	05/02/17	20.89	14.71	6.18
MW-20	03/15/10	17.85	11.32	6.53
	09/13/10	17.85	12.51	5.34
	07/23/12	17.85	13.14	4.71
	03/11/13	17.85	12.35	5.50
	05/02/17	17.85	NM	NM
MW-20D	03/15/10	20.58	13.94	6.64
	09/13/10	20.58	15.16	5.42
	07/23/12	20.58	15.43	5.15
	03/11/13	20.58	14.75	5.83
	05/02/17	20.58	15.59	4.99
MW-21D	03/15/10	21.92	13.49	8.43
	09/13/10	21.92	15.70	6.22
	03/11/13	21.92	14.85	7.07
	01/26/15	21.92	13.79	8.13
	05/02/17	21.92	13.83	8.09
MW-22I	07/23/12	18.01	13.71	4.30
	03/11/13	18.01	12.51	5.50
	02/23/16	18.01	10.81	7.20
	05/18/16	18.01	12.40	5.61
	08/16/16	18.01	12.75	5.26
	11/16/16	18.01	11.55	6.46
	02/22/17	18.01	10.60	7.41

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-22I cont'd	05/02/17	18.01	13.81	4.20
	08/01/17	18.01	12.35	5.66
	11/07/17	18.01	12.94	5.07
	02/05/18	18.01	13.17	4.84
	05/29/18	18.01	13.21	4.80
	08/22/18	18.01	12.28	5.73
	11/05/18	18.01	11.51	6.50
	02/05/19	18.01	10.41	7.60
	05/13/19	18.01	13.15	4.86
	08/05/19	18.01	13.95	4.06
	11/05/19	18.01	12.05	5.96
	02/05/20	18.01	11.40	6.61
	06/08/20	18.01	14.27	3.74
MW-23	07/23/12	17.50	12.58	4.92
	03/11/13	17.50	12.76	4.74
	02/23/16	17.50	11.39	6.11
	05/18/16	17.50	12.51	4.99
	08/16/16	17.50	12.49	5.01
	11/16/16	17.50	11.41	6.09
	02/22/17	17.50	10.67	6.83
	05/02/17	17.50	11.98	5.52
	08/01/17	17.50	12.50	5.00
	11/07/17	17.50	11.98	5.52
	02/05/18	17.50	11.57	5.93
	05/29/18	17.50	12.31	5.19
	08/22/18	17.50	12.49	5.01
	11/05/18	17.50	12.55	4.95
	02/05/19	17.50	11.01	6.49
	05/13/19	17.50	12.20	5.30
	08/05/19	17.50	12.31	5.19
	11/05/19	17.50	12.43	5.07
	02/05/20	17.50	11.83	5.67
	06/08/20	17.50	11.92	5.58
MW-23I	07/23/12	17.41	13.40	4.01
	03/11/13	17.41	11.99	5.42
	02/23/16	17.41	9.91	7.50
	05/18/16	17.41	11.67	5.74
	08/16/16	17.41	12.13	5.28
	11/16/16	17.41	10.81	6.60
	02/22/17	17.41	9.87	7.54

Table 1-2 Historical Groundwater Elevation Data* Evergreen Pulp Incorporated, Samoa, California				
Sample Location	Sample Date	Top of Casing Elevation** (feet)	Depth-to-Water† (feet)	Groundwater Elevation** (feet)
MW-23I cont'd	05/02/17	17.41	13.23	4.18
	08/01/17	17.41	11.65	5.76
	11/07/17	17.41	12.38	5.03
	02/05/18	17.41	12.76	4.65
	05/29/18	17.41	12.71	4.70
	08/22/18	17.41	11.58	5.83
	11/05/18	17.41	10.57	6.84
	02/05/19	17.41	9.62	7.79
	05/13/19	17.41	12.50	4.91
	08/05/19	17.41	13.46	3.95
	11/05/19	17.41	11.21	6.20
	02/05/20	17.41	10.52	6.89
	06/08/20	17.41	14.20	3.21

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-1	11/19/97	NA	NA	750	NA	2,400	<0.5	87	0.9	1.2	NA	NA	NA	NA	NA
	04/21/98	NA	NA	850	NA	1,000	<2.5	75	<5.0	<5.0	NA	NA	NA	NA	NA
	12/16/98	2,400	NA	3,800	NA	18,000	<1.0	<50	<50	<50	NA	NA	NA	NA	NA
	03/31/99	<10,000	NA	5,600	NA	29,000	<0.50	<200	<200	<200	NA	NA	NA	NA	NA
	06/18/99	<5,000	NA	4,400	NA	29,000	<0.50	<200	<200	<200	NA	NA	NA	NA	NA
	09/30/99	<5,000	NA	880	NA	1,700	<0.50	<13	<13	<13	NA	NA	NA	NA	NA
	12/15/99	1,500	NA	4,200	NA	96,000	<5.0	<130	<130	<130	NA	NA	NA	NA	NA
	06/12/01	1,400	NA	570	NA	7,500	<0.50	<25	<25	<25	NA	NA	NA	NA	NA
	05/15/02	670	NA	800	NA	8,600	<0.50	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	04/07/03	1,700	NA	1,200	NA	2,600	<0.50	<10	<10	<10	NA	NA	NA	NA	NA
	06/29/04	<170	NA	<50	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	460	NA	1,300	NA	8,700	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	08/31/05	<100	NA	73	NA	2,600	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	03/01/06	<100	NA	75	NA	3,800	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	07/26/06	NA	<100	NA	290	7,500	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	03/28/07	<170	NA	<50	NA	10,000	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	08/29/07	NA	<140	NA	110	8,000	<3.0	<3.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<100
	03/10/08	<170	<170	130	50	2,100	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/16/10	NA	NA	99	NA	50J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	03/16/10	NA	NA	110	NA	50J	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	160	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	09/16/10	NA	NA	120	NA	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-2	11/18/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	03/31/99	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/18/99	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	09/30/99	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/15/99	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/12/01	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	05/15/02	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	04/07/03	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	03/30/05	NA	NA	NA	NA	NA	NA	<0.3	<0.5	<0.5	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-2	02/24/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
cont'd	05/18/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-3	11/18/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	03/31/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/18/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	09/30/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/15/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/12/01	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/07/03	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-4	11/19/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	04/21/98	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	<500	NA	62	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	03/31/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-4	06/18/99	<500	NA	**56**	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
cont'd	09/30/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/15/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/12/01	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/07/03	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	<170	NA	**260**	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	<100	NA	<50	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	08/31/05	**120**	NA	**78**	NA	<50	<0.30	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	02/28/06	<100	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	07/26/06	NR	NA	NA	NA	<50	<0.30	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	03/28/07	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<1.0	NA	NA	NA	NA
	08/29/07	<110	NA	<57	NA	<100	<0.60	<0.60	<1.0	<1.0	<1.0	NA	NA	NA	NA
	03/11/08	<170	<170	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-5	11/19/97	NA	NA	<50	NA	**53**	<0.5	**0.8**	<0.5	<0.5	NA	NA	NA	NA	NA
	04/21/98	NA	NA	<50	NA	**150**	<0.5	**1.0**	<3.0	<1.5	NA	NA	NA	NA	NA
	12/16/98	<500	NA	<50	NA	**110**	<0.5	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA
	03/31/99	<500	NA	<50	NA	<50	<0.5	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
	06/18/99	**1,200**	NA	**260**	NA	**76**	<0.5	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA
	09/30/99	<500	NA	**57**	NA	**310**	<0.5	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	12/15/99	<500	NA	<50	NA	<50	**1.2**	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA
	06/12/01	**4,600**	NA	**270**	NA	**240**	**2.1**	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA
	05/15/02	<170	NA	**130**	NA	<50	<2.5	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/08/03	**890**	NA	**210**	NA	**93**	<4.0	<2.5	<2.5	<2.5	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	<100	NA	<50	NA	<1,000	NA	<6.0	<10	<10	NA	NA	NA	NA	NA
	08/31/05	<100	NA	**76**	NA	<1,000	<6.0	<6.0	<10	<10	<10	<10	<10	<10	<200
	03/01/06	<100	NA	**74**	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	07/26/06	NA	<110	NA	**100**	<1,000	<6.0	<6.0	<10	<10	<10	<10	<10	<10	<200
	03/28/07	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	08/29/07	<150	NA	<75	NA	<50	<0.30	**0.36**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	03/13/08	<170	<170	**110**	<50	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/14/13	NA	NA	NA	NA	NA	<5.0	<5.0	<5.0	<10	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
DUP-4	03/14/13	NA	NA	NA	NA	NA	<5.0	<5.0	<5.0	<10	NA	NA	NA	NA	NA
MW-5D	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-6	11/19/97	NA	NA	**58**	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	04/21/98	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/31/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/18/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	09/30/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	12/15/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/12/01	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/08/03	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	<100	NA	<50	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	08/31/05	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/01/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/26/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/28/07	NA	NA	NA	NA	NA	<0.30	**0.8**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/12/08	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/16/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-7	11/19/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	04/21/98	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/31/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/18/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	09/30/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	12/15/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/12/01	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/08/03	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA

Table 1-3
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Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-7	03/29/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
cont'd	08/31/05	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	02/28/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/26/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/28/07	NA	NA	NA	NA	NA	<0.30	**0.39**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/11/08	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/03/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-8	11/19/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/31/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/18/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	09/30/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	12/15/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/12/01	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/08/03	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/01/05	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/01/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	NA	NA	NA	NA	NA	<0.30	**0.39**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/13/08	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/16/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/18/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-9	11/19/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/31/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/18/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	09/30/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	12/15/99	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/12/01	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	05/15/02	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/08/03	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/29/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/05/05	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/01/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/13/08	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	NA	NA	NA	NA
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/16/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/24/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
DUP-1	07/24/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/24/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/18/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-9	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
cont'd	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-9I	07/24/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/24/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/18/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-10	11/19/97	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	04/21/98	NA	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/16/98	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	03/31/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	06/18/99	<500	NA	<50	NA	**220**	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	09/30/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA
	12/15/99	<500	NA	<50	NA	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-10	06/12/01	<170	NA	<50	NA	<50	<0.50	<1.3	<1.3	<1.3	NA	NA	NA	NA	NA
cont'd	05/15/02	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	04/07/03	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	06/29/04	<170	NA	<50	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/30/05	<110	NA	<57	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/01/05	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/01/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	NA	NA	NA	NA	NA	<1.5	<1.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<50
	08/29/07	NA	NA	NA	NA	NA	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/13/08	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	NA	NA	NA	NA
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/25/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/04/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-11	06/29/04	NA	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA
	03/30/05	<100	NA	<50	NA	**66**	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/05/05	<100	NA	<50	NA	**1,000**	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/01/06	<100	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	<110	NA	<53	**680**	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	<170	NA	<50	NA	<50	<0.30	**0.41**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	<150	NA	<74	NA	**5,600**	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/12/08	<170	<170	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	**40J**[16]	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	**130**	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/24/12	NA	NA	NA	NA	**460**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-11 cont'd	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-11I	07/24/12	NA	NA	NA	NA	**140**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/08/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/30/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-12	01/10/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	03/30/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/01/05	<100	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	02/28/06	<100	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	<130	NA	**100**	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	<170	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	<120	NA	<62	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/12/08	<170	<170	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-12	07/25/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
cont'd	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/05/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-13	01/10/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	03/30/05	NA	NA	NA	NA	NA	NA	<0.30	<0.50	<0.50	NA	NA	NA	NA	NA
	09/01/05	<100	NA	<50	NA	**840**	<6.0	<6.0	<10	<10	<10	NA	NA	NA	NA
	02/28/06	<100	NA	<50	NA	<50	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	07/27/06	NA	<120	NA	<58	**620**	<0.30	<0.30	<0.50	<0.50	<0.50	NA	NA	NA	NA
	03/29/07	<170	NA	<50	NA	<50	<0.30	**0.31**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	08/29/07	<100	NA	<50	NA	**1,100**	<6.0	<6.0	<10	<10	<10	NA	NA	NA	NA
	03/12/08	<170	<170	<50	<50	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<0.50	<0.50	<0.50	<10
	03/17/10	NA	NA	NA	NA	**50J**	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DUP-2	03/17/10	NA	NA	NA	NA	**50J**	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	**140**	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DUP-100	09/15/10	NA	NA	NA	NA	**140**	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/25/12	NA	NA	NA	NA	**470**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
DUP-2	07/25/12	NA	NA	NA	NA	**480**	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
DUP-2	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/23/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/19/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-13 cont'd	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-13D	03/13/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/16/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/23/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/23/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/19/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/07/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/29/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-13I	07/25/12	NA	NA	NA	NA	260	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/23/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/19/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

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Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-13I	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
cont'd	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/08/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/30/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-14	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-15	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/04/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-15D	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-16	03/14/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-16D	03/18/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/17/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-17	03/14/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/25/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/04/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
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(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-18	03/14/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/17/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-19	03/14/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/18/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/25/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-20	03/18/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/18/10	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/15/10	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/25/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/04/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-20D	03/18/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/17/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DUP-3	03/17/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
DUP-1	09/14/10	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	<1.0	<1.0	<1.0	<1.0	<10
	07/24/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	0.63	<1.0	<1.0	<0.50	<10
DUP-1	03/12/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-21D	03/18/08	<170	NA	<50	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
DUP-3	03/15/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-22I	07/23/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/23/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/19/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/17/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-3
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(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-22I	08/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
cont'd	11/08/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/30/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
MW-23	07/23/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/13/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/24/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/18/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/08/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/30/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

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Historical Groundwater Analytical Results, Petroleum Hydrocarbons*
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	TPHMO		TPHD		TPHG	B	T	E	X	MTBE	DIPE	ETBE	TAME	TBA
		w/out SGC	w/ SGC	w/out SGC	w/ SGC										
Water Quality Objective		100 **		100 †		21 [a]	1 [b]	150 [b]	300 [b]	1,750 [b]	5 [c]	0.8 [d]	--	--	12 [e]
MW-23I	07/30/12	NA	NA	NA	NA	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0	<1.0	<0.50	<10
	03/14/13	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/24/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/18/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/16/16	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/22/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/01/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/02/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/08/17	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/30/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	<0.50	<0.50	<0.50	<1.0	NA	NA	NA	NA	NA

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-1	11/19/97	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	NA	NA	Acetone=17/Styrene=7.2
	04/21/98	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	NA	Acetone=220
	12/16/98	<50	<50	<50	--	<50	<50	<50	NA	NA	p-IPT-2,500/IPB=72
	03/31/99	<200	<200	<200	--	<200	<200	<200	NA	NA	p-IPT=20,000
	06/18/99	<200	<200	<200	--	<200	<200	<200	NA	NA	p-IPT=16,000
	09/30/99	<13	<13	<13	--	<13	<13	<13	NA	NA	p-IPT=1,100
	12/15/99	<250	<250	<250	--	<250	<250	<250	NA	NA	p-IPT=19,000
	06/12/01	<50	<50	<50	--	<50	<50	<50	NA	NA	p-IPT=5,900
	05/15/02	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	NA	p-IPT=3,900
	04/07/03	<20	<20	<20	--	<20	<20	<20	NA	NA	p-IPT=1,100
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.5	--	<0.50	<0.50	<0.50	NA	NA	p-IPT=2,700
	03/18/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NF	4-IPT=940
MW-2	11/18/97	<0.5	<0.5	<0.5	--	<0.5	<0.5	0.8	NA	NA	ND
	04/21/98	<1.0	<1.0	<1.0	--	<1.0	<1.0	1.3	NA	NA	ND
	12/16/98	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/31/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	1.1	NA	NA	p-IPT=2.3
	06/18/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	1.1	NA	NA	p-IPT=2.3
	09/30/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	12/15/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/12/01	<1.0	<1.0	<1.0	--	<1.0	<1.0	1.0	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/30/05	<0.50	<0.50	<0.50	--	<0.50	<0.50	<0.50	NA	NA	ND
	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.23 J	<0.20	NF	ND
	02/24/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/18/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/16/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-2 cont'd	11/16/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/22/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/01/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/01/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/07/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/29/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/22/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/05/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/13/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	06/08/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
MW-3	11/18/97	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	NA	NA	ND
	04/21/98	NA	NA	NA	--	NA	NA	NA	NA	NA	ND
	12/16/98	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	NA	NA	p-IPT=1.4
	03/31/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/18/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	09/30/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	12/15/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/12/01	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.50	--	<0.50	<0.50	<0.50	NA	NA	ND
	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NF	4-IPT=0.35 J

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-4	11/19/97	<0.5	<0.5	<0.5	--	<0.5	<0.5	<0.5	NA	NA	bis-(2-ethyl-hexyl) phthalate=21
	04/21/98	--	--	--	--	--	--	--	NA	NA	ND
	12/16/98	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/31/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/18/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	09/30/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	12/15/99	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/12/01	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.50	--	<0.50	<0.50	<0.50	NA	NA	ND
	03/15/13	<0.50	<0.50	<0.50	<0.50	0.13 J	<0.50	<0.50	NA	NF	ND
MW-5	11/19/97	<0.5	<0.5	<0.5	--	2.9	<0.5	<0.5	NA	NA	Naphthalene=7.0
	04/21/98	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	12/16/98	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	NA	p-IPT=5.1
	03/31/99	<2.0	<2.0	<2.0	--	<2.0	<2.0	<2.0	NA	NA	p-IPT=3.2/Naphthalene=7.3
	06/18/99	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	NA	ND
	09/30/99	<2.5	<2.5	<2.5	--	<2.5	<2.5	<2.5	NA	NA	p-IPT=150
	12/15/99	<2.0	<2.0	<2.0	--	<2.0	<2.0	<2.0	NA	NA	Naphthalene=4.6
	06/12/01	<2.5	<2.5	<2.5	--	<2.5	<2.5	<2.5	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	Naphthalene=5.1
	04/08/03	<5.0	<5.0	<5.0	--	<5.0	<5.0	<5.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	Naphthalene=4.9
	03/29/05	<10	<10	<10	--	<10	<10	<10	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-5 cont'd	03/01/06	<0.5	<0.5	<0.5	<0.5	0.78	<0.5	<0.5	NA	NA	Acetone=43/2-Butatone=1.2/Naphthalene=2.2
	03/14/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.40	40 [d]	4-IPT=8.6/Naphthalene=5.1 J
DUP-4	03/14/13	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.40	46 [e]	4-IPT=12/Naphthalene=5.1 J
MW-5D	03/14/13	0.16 J	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.80	NF	ND
MW-6	11/19/97	<0.5	<0.5	<0.5	--	0.5	8.8	<0.5	NA	NA	ND
	04/21/98	<1.0	<1.0	<1.0	--	<1.0	52	<1.0	NA	NA	ND
	12/16/98	<1.0	<1.0	<1.0	--	<1.0	26	<1.0	NA	NA	ND
	03/31/99	<1.0	<1.0	<1.0	--	<1.0	21	<1.0	NA	NA	ND
	06/18/99	<1.0	<1.0	<1.0	--	<1.0	3.3	<1.0	NA	NA	ND
	09/30/99	<1.0	<1.0	<1.0	--	<1.0	3.0	<1.0	NA	NA	ND
	12/15/99	<1.0	<1.0	<1.0	--	<1.0	9.6	<1.0	NA	NA	ND
	06/12/01	<1.0	<1.0	<1.0	--	<1.0	2.4	<1.0	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	1.5	<1.0	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	8.9	<1.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	2.4	<1.0	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.50	--	<0.50	9.3	<0.50	NA	NA	ND
	08/31/05	<0.5	<0.5	<0.5	<0.5	<0.5	0.88	<0.5	NA	NA	p-IPT=0.63
	03/01/06	<0.5	<0.5	<0.5	<0.5	<0.5	7.7	<0.5	NA	NA	ND
	07/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	0.86	<0.5	NA	NA	p-IPT=3.7
	03/28/07	<0.50	<0.50	<0.50	<0.5	<0.50	5.7	<0.50	NA	NA	Acetone=140
	08/29/07	<0.50	<0.50	<0.50	<0.5	<0.50	0.65	<0.50	NA	NA	ND
	03/12/08	0.75	<0.50	0.5	<0.5	<0.50	7.6	<0.50	NA	NA	p-IPT=7.7
	03/15/10	<1.0	<1.0	<1.0	<1.0	0.3 J	2.5	<1.0	NA	NA	ND
	09/16/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	03/15/13	<0.50	<0.50	<0.50	<0.50	0.23 J	2.6	<0.50	NA	NF	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-7	11/19/97	<0.5	<0.5	<0.5	--	<0.5	5.8	8.0	NA	NA	ND
	04/21/98	<1.0	<1.0	<1.0	--	<1.0	3.4	8.4	NA	NA	ND
	12/16/98	<1.0	<1.0	<1.0	--	<1.0	2.2	6.9	NA	NA	ND
	03/31/99	<1.0	<1.0	<1.0	--	<1.0	3.2	7.3	NA	NA	ND
	06/18/99	<1.0	<1.0	<1.0	--	<1.0	4.1	5.0	NA	NA	ND
	09/30/99	<1.0	<1.0	<1.0	--	<1.0	5.3	4.4	NA	NA	ND
	12/15/99	<1.0	<1.0	<1.0	--	<1.0	3.9	5.6	NA	NA	ND
	06/12/01	<1.0	<1.0	<1.0	--	<1.0	7.1	4.5	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	<1.0	5.9	1.3	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	5.9	1.7	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	9.6	1.2	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.50	--	<0.50	13	2.0	NA	NA	ND
	08/31/05	<0.5	<0.5	<0.5	<0.5	<0.5	12	1.0	NA	NA	ND
	02/28/06	<0.5	<0.5	<0.5	<0.5	<0.5	11	1.5	NA	NA	ND
	07/26/06	<0.5	<0.5	<0.5	<0.5	<0.5	15	1.1	NA	NA	p-IPT=0.7
	03/28/07	<0.50	<0.50	<0.50	<0.5	<0.50	12	1.6	NA	NA	Acetone=12
	08/29/07	<0.50	<0.50	<0.50	<0.5	<0.50	15	1.2	NA	NA	Chloromethane=1.2
	03/11/08	<0.50	<0.50	<0.50	<0.5	<0.50	14	1.6	NA	NA	p-IPT=16
	03/18/10	<1.0	<1.0	<1.0	<1.0	0.2 J	3.3	0.7 J	NA	NA	ND
	09/14/10	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	NA	NA	ND
	03/14/13	0.25 J	<0.50	<0.50	<0.50	0.23 J	0.99	0.51	<0.20	NF	ND
	05/03/17	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	1.3	NA	NA	ND
MW-8	11/19/97	<0.5	<0.5	<0.5	--	4.6	0.5	2.7	NA	NA	ND
	04/21/98	<1.0	<1.0	<1.0	--	3.3	<1.0	3.2	NA	NA	ND
	12/16/98	<1.0	<1.0	<1.0	--	1.8	<1.0	2.1	NA	NA	ND
	03/31/99	<1.0	<1.0	<1.0	--	2.0	<1.0	1.6	NA	NA	ND
	06/18/99	<1.0	<1.0	<1.0	--	2.0	<1.0	1.9	NA	NA	ND
	09/30/99	<1.0	<1.0	<1.0	--	1.8	<1.0	2.1	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-8	12/15/99	<1.0	<1.0	<1.0	--	1.4	<1.0	1.7	NA	NA	p-IPT=12
cont'd	06/12/01	<1.0	<1.0	<1.0	--	1.5	<1.0	1.2	NA	NA	ND
	05/15/02	<1.0	<1.0	<1.0	--	1.4	<1.0	<1.0	NA	NA	ND
	04/07/03	<1.0	<1.0	<1.0	--	<1.0	<1.0	<1.0	NA	NA	ND
	06/29/04	<1.0	<1.0	<1.0	--	<1.0	<1.0	1.1	NA	NA	ND
	03/29/05	<0.50	<0.50	<0.50	--	0.67	<0.50	0.86	NA	NA	ND
	09/01/05	<0.5	<0.5	<0.5	<0.5	0.83	<0.5	0.67	NA	NA	ND
	03/01/06	<0.5	<0.5	<0.5	<0.5	0.66	<0.5	0.83	NA	NA	ND
	07/27/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0.72	NA	NA	ND
	03/29/07	<0.50	<0.50	<0.50	<0.5	0.84	<0.50	0.63	NA	NA	Acetone=44
	08/29/07	<0.50	<0.50	<0.50	<0.5	<0.50	0.67	0.7	NA	NA	ND
	03/13/08	<0.50	<0.50	<0.50	<0.5	0.85	<0.50	1.1	NA	NA	p-IPT=8.2
	03/18/10	<1.0	<1.0	<1.0	<1.0	0.5 J	<1.0	0.2 J	NA	NA	ND
	09/16/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	03/18/13	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	0.46 J	<0.80	NF	4-IPT=0.66
MW-9	11/19/97	5.7	6.2	11	NA	13	4.4	16	NA	NA	ND
	04/21/98	7.1	6.5	4.0	--	12	2.7	20	NA	NA	ND
	12/16/98	3.2	3.9	8.4	--	6.9	4.0	13	NA	NA	ND
	03/31/99	6.0	4.9	3.0	--	7.2	4.8	14	NA	NA	ND
	06/18/99	4.8	3.4	8.1	--	6.0	1.4	8.1	NA	NA	ND
	09/30/99	5.8	3.1	9.4	--	6.4	1.7	9.1	NA	NA	ND
	12/15/99	7.0	4.6	5.2	--	4.9	2.3	11	NA	NA	p-IPT=1.0
	06/12/01	4.8	4.0	9.0	--	5.5	1.1	7.1	NA	NA	ND
	05/15/02	2.1	2.5	39	--	4.4	<1.0	3.4	NA	NA	ND
	04/08/03	3.4	4.2	55	--	3.9	1.2	5.7	NA	NA	ND
	06/29/04	4.3	3.1	19	--	3.0	1.6	6.6	NA	NA	ND
	03/30/05	4.5	4.2	24	--	3.4	2.5	7.7	NA	NA	ND
	09/01/05	4.0	3.5	27	<0.5	2.9	1.1	4.8	NA	NA	ND
	03/01/06	2.8	3.8	18	<0.5	2.4	1.9	5.9	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-9	07/27/06	3.7	3.5	21	<0.5	2.3	0.76	3.7	NA	NA	ND
cont'd	03/29/07	2.2	3.2	15	<0.5	2.5	0.83	3.5	NA	NA	Acetone=240
	08/29/07	2.1	3.5	25	<0.5	2.2	0.52	2.4	NA	NA	ND
	03/12/08	3.7	5.2	29	<0.5	2.8	1.4	6.2	NA	NA	p-IPT=10
	03/18/10	1.8	3.3	24	0.1 J	1.5	0.8 J	3.2	NA	NA	Vinyl Chloride=10
	09/16/10	2.2	3.4	25	<1.0	2.5	<1.0	4.7	NA	NA	Vinyl Chloride=3.2
	07/24/12	0.98	2.0	6.9	<0.50	2.4	0.53	3.0	NA	NA	Vinyl Chloride=2.3
DUP-1	07/24/12	1.1	2.0	6.9	<0.50	2.3	0.55	3.0	NA	NA	Vinyl Chloride=2.4
	03/13/13	2.1	2.8	6.7	0.24 J	2.8	1.2	5.6	0.14 J	NF	Vinyl Chloride=2.2
	02/24/16	1.9	3.1	7.3	<0.50	2.2	1.0	6.6	NA	NA	Vinyl Chloride=0.82
	05/18/16	2.2	3.1	6.8	<0.50	3.5	1.1	6.7	NA	NA	Vinyl Chloride=0.62
	08/16/16	2.2	2.7	3.7	<0.50	5.6	0.63	6.8	NA	NA	Vinyl Chloride=1.7 Carbon Tetrachloride=0.87
	11/16/16	2.2	2.8	2.2	0.55	4.5	0.53	5.3	NA	NA	Vinyl Chloride=6.8 Carbon Tetrachloride=0.72
	02/22/17	1.8	2.9	1.7	0.54	3.6	0.55	3.7	NA	NA	Vinyl Chloride=3.1 Carbon Tetrachloride=0.63
	05/01/17	2.9	3.4	1.6	<0.50	4.3	0.90	9.2	NA	NA	Vinyl Chloride=1.7 Carbon Tetrachloride=1.6
	08/01/17	<0.50	1.2	1.8	<0.50	2.2	<0.50	1.1	NA	NA	Vinyl Chloride=1.2
	11/07/17	2.4	2.5	1.3	<0.50	5.0	0.69	9.5	NA	NA	Carbon Tetrachloride=1.8
	02/05/18	2.1	2.7	1.6	<0.50	4.8	0.62	9.4	NA	NA	Carbon Tetrachloride=1.6
	05/29/18	3.5	3.5	1.4	<0.50	4.9	0.76	11	NA	NA	ND
	08/22/18	2.8	2.9	1.9	<0.50	4.6	<0.50	6.6	NA	NA	Vinyl Chloride=1.2
	11/05/18	1.6	2.7	2.4	<0.50	4.3	<0.50	3.0	NA	NA	ND
	02/05/19	1.8	2.9	2.2	<0.50	3.9	<0.50	3.3	NA	NA	Vinyl Chloride=0.90
	05/13/19	3.1	3.9	2.8	<0.50	4.4	0.74	9.0	NA	NA	Carbon Tetrachloride=1.2
	08/05/19	2.2	2.9	2.5	<0.50	4.2	<0.50	4.8	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-9 cont'd	11/05/19	2.3	2.9	1.9	<0.50	3.6	<0.50	4.3	NA	NA	Carbon Tetrachloride=0.68
	02/05/20	2.5	2.9	1.6	<0.50	3.1	0.54	5.6	NA	NA	Carbon Tetrachloride=0.79
	06/08/20	2.7	2.8	1.5	<0.50	3.6	<0.50	7.0	NA	NA	Carbon Tetrachloride=1.3
MW-9I	07/24/12	<0.50	1.1	7.6	<0.50	1.0	<0.50	0.58	NA	NA	Vinyl Chloride=3.9
	03/13/13	<0.50	1.3	8.5	0.26 J	0.87	<0.50	0.11 J	0.090 J	NF	Vinyl Chloride=5.1
	02/24/16	<0.50	1.0	5.6	<0.50	0.65	<0.50	<0.50	NA	NA	Vinyl Chloride=1.7
	05/18/16	<0.50	1.3	6.6	<0.50	2.3	<0.50	0.94	NA	NA	ND
	08/16/16	<0.50	0.84	3.3	<0.50	0.71	<0.50	<0.50	NA	NA	Vinyl Chloride=1.9
	11/16/16	<0.50	1.1	2.9	0.52	1.1	<0.50	<0.50	NA	NA	Vinyl Chloride=4.1
	02/22/17	<0.50	1.1	3.1	0.58	0.84	<0.50	<0.50	NA	NA	Vinyl Chloride=2.1
	05/01/17	<0.50	1.5	3.7	<0.50	1.6	<0.50	<0.50	NA	NA	Vinyl Chloride=1.8
	08/01/17	1.8	2.6	1.3	<0.50	4.8	<0.50	8.7	NA	NA	Carbon Tetrachloride=1.2
	11/07/17	<0.50	1.1	2.6	<0.50	2.6	<0.50	2.0	NA	NA	Vinyl Chloride=1.4
	02/05/18	<0.50	0.94	2.2	<0.50	1.0	<0.50	0.62	NA	NA	Vinyl Chloride=1.7
	05/29/18	<0.50	0.90	1.6	<0.50	1.2	<0.50	0.7	NA	NA	Vinyl Chloride=0.76
	08/22/18	<0.50	0.70	1.8	<0.50	0.8	<0.50	<0.50	NA	NA	Vinyl Chloride=1.4
	11/05/18	<0.50	0.73	1.8	<0.50	0.79	<0.50	<0.50	NA	NA	ND
	02/05/19	<0.50	1.2	2.1	<0.50	1.7	<0.50	0.67	NA	NA	ND
	05/13/19	<0.50	1.0	1.7	<0.50	1.7	<0.50	0.81	NA	NA	Vinyl Chloride=1.6
	08/05/19	<0.50	1.3	1.9	<0.50	2.5	<0.50	2.0	NA	NA	Vinyl Chloride=1.4
	11/05/19	<0.50	0.95	1.2	<0.50	1.7	<0.50	0.88	NA	NA	ND
	02/05/20	<0.50	1.00	1.4	<0.50	1.5	<0.50	<0.50	NA	NA	Vinyl Chloride=1.1
	06/08/20	<0.50	0.91	1.2	<0.50	1.2	<0.50	<0.50	NA	NA	Vinyl Chloride=0.74
MW-10	11/19/97	3.1	0.9	<0.5	--	4.7	0.6	3.7	NA	NA	ND
	04/21/98	3.3	<1.0	<1.0	--	1.6	1.3	3.6	NA	NA	ND
	12/16/98	1.9	<1.0	<1.0	--	<1.0	1.5	2.8	NA	NA	ND
	03/31/99	3.2	<1.0	<1.0	--	1.4	1.4	3.4	NA	NA	ND
	06/18/99	3.7	<1.0	<1.0	--	1.4	<1.0	3.1	NA	NA	ND
	09/30/99	4.2	<1.0	<1.0	--	1.7	<1.0	3.7	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-10	12/15/99	3.7	<1.0	<1.0	--	<1.0	<1.0	2.9	NA	NA	ND
cont'd	06/12/01	4.2	<2.5	<2.5	--	2.6	<2.5	3.9	NA	NA	ND
	05/15/02	1.6	<1.0	<1.0	--	4.9	<1.0	2.5	NA	NA	ND
	04/07/03	2.8	<1.0	<1.0	--	2.7	<1.0	2.2	NA	NA	ND
	06/29/04	4.1	<1.0	<1.0	--	1.8	<1.0	2.7	NA	NA	ND
	03/30/05	3.8	0.7	<0.5	--	5.4	0.6	3.1	NA	NA	ND
	09/01/05	3.7	0.74	<0.5	<0.5	3.9	0.75	2.9	NA	NA	ND
	03/01/06	3.0	0.63	<0.5	<0.5	3.9	0.63	2.4	NA	NA	ND
	07/27/06	3.0	0.81	<0.5	<0.5	4.2	<0.5	2.2	NA	NA	ND
	03/29/07	<2.5	<2.5	<2.5	<0.5	4.2	<2.5	2.8	NA	NA	ND
	08/29/07	2.9	0.77	<0.50	<0.5	4.2	<0.50	2.4	NA	NA	ND
	03/12/08	3.3	0.96	<0.50	<0.50	5.3	0.56	3.6	NA	NA	p-IPT=10
	03/18/10	2.6	0.6 J	0.2 J	0.2 J	2.8	0.4 J	2.4	NA	NA	ND
	09/14/10	3.2	<1.0	<1.0	<1.0	2.3	<1.0	2.4	NA	NA	ND
	07/25/12	1.6	<0.50	<0.50	<0.50	1.1	<0.50	1.8	NA	NA	ND
	03/13/13	2.4	0.61	0.15 J	<0.50	0.79	0.52	2.0	<0.20	NF	ND
	05/04/17	2.3	0.71	<0.50	<0.50	0.71	<0.50	2.3	NA	NA	ND
MW-11	06/29/04	670	9.5	<1.0	4.6	<1.0	<1.0	12	NA	NA	Carbon Tetrachloride=1.6
	03/30/05	52	4.8	<0.50	6.2	<0.50	<0.50	0.96	NA	NA	ND
	09/01/05	730	11	0.54	13	0.82	<0.5	10	NA	NA	ND
	03/01/06	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	NA	NA	ND
	07/27/06	350	5.7	0.73	3.1	<0.5	<0.5	7.5	NA	NA	ND
	03/29/07	14	1.9	<0.50	3.5	<0.50	<0.50	<0.50	NA	NA	Acetone=32
	08/29/07	380	82	<5.0	<0.5	<5.0	<5.0	56	NA	NA	trans-1,2,-DCE=6.6
	03/12/08	28	3.5	<0.50	5.9	<0.50	<0.50	1.4	NA	NA	p-IPT=9.3
	03/18/10	40	5.7	<1.0	8.9	0.2 J	<1.0	0.4 J	NA	NA	ND
	09/15/10	310	11	<1.0	6.9	<1.0	<1.0	7.7	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-11 cont'd	07/24/12	240	5.8	<0.50	4.3	<0.50	<0.50	5.0	NA	NA	Carbon Tetrachloride=0.68
	03/14/13	34	2.9	<0.50	4.8	0.17 J	<0.50	0.24 J	<0.20	NF	ND
	02/22/17	20	1.5	<0.50	0.98	<0.50	<0.50	<0.50	NA	NA	ND
	05/02/17	120	5.7	<0.50	6.4	<0.50	<0.50	1.7	NA	NA	Vinyl chloride=1.4
	08/01/17	160	5.9	<0.50	6.9	<0.50	<0.50	1.8	NA	NA	Vinyl chloride=1.3
	11/07/17	190	4.6	<0.50	2.6	<0.50	<0.50	2.2	NA	NA	Vinyl chloride=1.1
	02/05/18	43	1.8	<0.50	0.99	<0.50	<0.50	<0.50	NA	NA	ND
	05/29/18	150	5.4	<0.50	6.1	<0.50	<0.50	1.5	NA	NA	Vinyl chloride=0.74
	08/22/18	160	9	<0.50	7.5	<0.50	<0.50	1.7	NA	NA	Vinyl chloride=2.0
	11/05/18	160	6.7	<0.50	4.3	<0.50	<0.50	1.9	NA	NA	ND
	02/05/19	12	1.1	<0.50	0.58	<0.50	<0.50	<0.50	NA	NA	ND
	05/14/19	70	2.2	<0.50	7.2	<0.50	<0.50	1.3	NA	NA	vinyl chloride = 0.90
	08/05/19	97	5.9	<0.50	7.3	<0.50	<0.50	1.3	NA	NA	Vinyl chloride=1.1
	11/05/19	140	9.1	<0.50	7.6	<0.50	<0.50	0.95	NA	NA	ND
	02/05/20	12	1.2	<0.50	0.52	<0.50	<0.50	<0.50	NA	NA	ND
	06/08/20	78	6.6	<0.50	5.6	<0.50	<0.50	0.72	NA	NA	Vinyl Chloride=0.82
MW-11I	07/24/12	65	0.69	<0.50	<0.50	0.63	<0.50	3.8	NA	NA	Carbon Tetrachloride=0.50
	03/14/13	130	1.0	0.30 J	0.26 J	0.55	<0.50	4.4	<0.80	NF	ND
	02/22/17	98	1.9	<0.50	0.56	0.92	<0.50	4.6	NA	NA	Carbon Tetrachloride=0.70
	05/02/17	76	1.8	<0.50	<0.50	0.97	<0.50	4.3	NA	NA	Carbon Tetrachloride=0.78
	08/01/17	60	1.2	<0.50	<0.50	0.64	<0.50	3.3	NA	NA	Carbon Tetrachloride=0.51
	11/08/17	62	0.89	<0.50	<0.50	0.70	<0.50	2.5	NA	NA	ND
	02/06/18	98	1.4	<0.50	<0.50	0.57	<0.50	3.8	NA	NA	ND
	05/30/18	100	1.4	<0.50	<0.50	0.74	<0.50	4.6	NA	NA	ND
	08/23/18	99	1.4	<0.50	<0.50	0.82	<0.50	5.2	NA	NA	ND
	11/06/18	91	1.8	<0.50	<0.50	0.91	<0.50	4.3	NA	NA	ND
	02/06/19	91	1.8	<0.50	<0.50	1.2	<0.50	5.3	NA	NA	ND
	05/14/19	82	1.2	<0.50	<0.50	0.94	<0.50	3.6	NA	NA	ND
	08/06/19	89	1.2	<0.50	<0.50	0.89	<0.50	3.5	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-11I cont'd	11/06/19	82	1.1	<0.50	<0.50	0.85	<0.50	3.0	NA	NA	ND
	02/05/20	110	1.1	<0.50	<0.50	0.60	<0.50	3.4	NA	NA	ND
	06/09/20	70	0.86	<0.50	<0.50	0.77	<0.50	3.6	NA	NA	ND
MW-12	01/10/05	<0.50	<0.50	<0.50	--	0.95	<0.50	<0.50	NA	NA	ND
	03/30/05	<0.50	<0.50	<0.50	--	1.0	<0.50	<0.50	NA	NA	ND
	09/01/05	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	<0.50	NA	NA	ND
	02/28/06	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	NA	NA	ND
	07/27/06	<0.50	<0.50	<0.50	<0.50	0.98	<0.50	<0.50	NA	NA	ND
	03/29/07	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	NA	NA	Acetone=70
	08/29/07	<0.50	<0.50	<0.50	<0.50	0.83	<0.50	<0.50	NA	NA	ND
	03/12/08	1.3	<0.50	1.1	<0.50	1.7	<0.50	<0.50	NA	NA	p-IPT=8.7
	03/18/10	<1.0	<1.0	2.4	0.2 J	1.2	<1.0	0.2 J	NA	NA	ND
	09/15/10	<1.0	<1.0	6.4	<1.0	1.2	<1.0	<1.0	NA	NA	ND
	07/25/12	<0.50	<0.50	3.5	<0.50	0.66	<0.50	<0.50	NA	NA	ND
	03/13/13	<0.50	<0.50	2.6	<0.50	0.60	<0.50	0.17 J	0.10 J	NF	ND
	05/04/17	<0.50	<0.50	3.4	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
MW-13	01/10/05	15	1.8	<0.50	0.53	<0.50	<0.50	<0.50	NA	NA	ND
	03/30/05	85	4.4	<0.50	3.8	<0.50	<0.50	1.9	NA	NA	ND
	09/01/05	530	32	<10	32	<10	<10	11	NA	NA	ND
	02/28/06	21	2.2	<0.5	2.3	<0.5	<0.5	4.0	NA	NA	ND
	07/27/06	280	24	1.1	36	0.87	<0.5	9.5	NA	NA	1,2-DCA=0.54
	03/29/07	13	5.0	<0.50	3.3	<0.50	<0.50	<0.50	NA	NA	Acetone=32
	08/29/07	410	34	<10	30	<10	<10	<10	NA	NA	ND
	03/12/08	22	9.9	<0.50	11	<0.50	<0.50	0.66	NA	NA	p-IPT=12
	03/17/10	49	24	<1.0	9.0	0.1 J	<1.0	0.2 J	NA	NA	ND
DUP-2	03/17/10	51	24	<1.0	8.8	<1.0	<1.0	0.3 J	NA	NA	ND
	09/15/10	280	83	<1.0	45	<1.0	<1.0	4.7	NA	NA	ND
DUP-100	09/15/10	280	86	<1.0	47	<1.0	<1.0	4.8	NA	NA	ND
	07/25/12	180	66	<0.50	36	<0.50	<0.50	3.2	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
DUP-2	07/25/12	170	64	<0.50	35	<0.50	<0.50	3.1	NA	NA	ND
	03/14/13	120	53	0.25 J	33	0.35 J	<0.50	1.3	<0.20	NF	trans-1,2,-DCE=0.17 J
DUP-2	03/14/13	110	54	0.26 J	34	0.36 J	<0.50	1.3	<0.20	NF	trans-1,2,-DCE=0.18 J
	02/23/16	55	24	<0.50	15	<0.50	<0.50	1.3	NA	NA	ND
	05/19/16	170	61	<0.50	30	<0.50	<0.50	2.8	NA	NA	Vinyl Chloride=1.4
	08/17/16	160	53	0.51	21	<0.50	<0.50	4.2	NA	NA	Vinyl Chloride=1.1 Carbon Tetrachloride=0.54
	11/17/16	140	33	<0.50	18	0.54	<0.50	1.3	NA	NA	Vinyl Chloride=1.4
	02/22/17	23	9.8	<0.50	2.7	<0.50	<0.50	<0.50	NA	NA	ND
	05/02/17	45	19	<0.50	5.7	<0.50	<0.50	<0.50	NA	NA	Vinyl Chloride=0.58
	08/01/17	150	39	<0.50	22	<0.50	<0.50	2.3	NA	NA	Vinyl Chloride=14
	11/07/17	190	33	<0.50	14	<0.50	<0.50	2.9	NA	NA	Carbon Tetrachloride=0.70, Vinyl Chloride=8.7
	02/05/18	61	30	<0.50	16	<0.50	<0.50	<0.50	NA	NA	Vinyl Chloride=1.0
	05/29/18	190	58	<0.50	23	<0.50	<0.50	2.5	NA	NA	Vinyl Chloride=7.1
	08/22/18	210	49	0.55	18	<0.50	<0.50	2.6	NA	NA	Vinyl Chloride=7.2
	11/05/18	190	42	0.58	21	<0.50	<0.50	2.2	NA	NA	Vinyl Chloride=20
	02/05/19	70	24	0.56	21	<0.50	<0.50	0.83	NA	NA	Vinyl Chloride=52
	05/14/19	160	46	2.0	40	<0.50	<0.50	2.0	NA	NA	Vinyl Chloride=70
	08/05/19	190	46	1.8	38	<0.50	<0.50	2.2	NA	NA	Vinyl Chloride=25
	11/05/19	150	43	1.5	34	<0.50	<0.50	1.6	NA	NA	Vinyl Chloride=17 Chloroethane=0.56
	02/05/20	24	10	<0.50	6.5	<0.50	<0.50	<0.50	NA	NA	Vinyl Chloride=2.3
	06/08/20	120	34	0.91	20	<0.50	<0.50	1.2	NA	NA	Vinyl Chloride=5.3
MW-13D	03/13/08	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	p-IPT=2.4
	03/16/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	09/14/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	07/23/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	03/12/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.11 J	NF	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-13D cont'd	02/23/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/19/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/17/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/16/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/22/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/02/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/01/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/07/17	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/29/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/22/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/05/18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/14/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/05/19	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	06/08/20	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
MW-13I	07/25/12	**130**	**2.2**	<0.50	<0.50	**0.57**	<0.50	**4.4**	NA	NA	**Carbon Tetrachloride=0.51**
	03/14/13	**170**	**5.9**	**0.52**	**1.2**	**0.68**	<0.50	**5.3**	<0.80	NF	ND
	02/23/16	**160**	**8.1**	<0.50	**0.8**	**0.74**	<0.50	**5.3**	NA	NA	ND
	05/19/16	**130**	**3.7**	<0.50	<0.50	**0.86**	<0.50	**4.8**	NA	NA	ND
	08/17/16	**95**	**2.4**	<0.50	<0.50	**0.89**	<0.50	**4.4**	NA	NA	**Carbon Tetrachloride=0.57**
	11/17/16	**120**	**2.6**	<0.50	**0.55**	**1.1**	<0.50	**4.7**	NA	NA	**Carbon Tetrachloride=0.67**
	02/22/17	**170**	**8.7**	<0.50	**1.2**	**0.95**	<0.50	**4.6**	NA	NA	**Carbon Tetrachloride=0.70**
	05/02/17	**170**	**8.0**	**0.64**	**1.3**	**0.98**	<0.50	**5.0**	NA	NA	**Vinyl Chloride=0.81** **Carbon Tetrachloride=0.93**
	08/01/17	**91**	**1.2**	<0.50	<0.50	**0.70**	<0.50	**3.7**	NA	NA	**Carbon Tetrachloride=0.54**
	11/08/17	**90**	**1.1**	<0.50	<0.50	**0.82**	<0.50	**3.3**	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-13I cont'd	02/06/18	130	5.9	<0.50	1.1	0.76	<0.50	4.3	NA	NA	ND
	05/30/18	110	2.8	<0.50	<0.50	0.89	<0.50	4.2	NA	NA	ND
	08/23/18	110	1.9	<0.50	<0.50	1.1	<0.50	5.3	NA	NA	Vinyl Chloride=0.62
	11/06/18	76	1.9	<0.50	<0.50	1.2	<0.50	4.2	NA	NA	ND
	02/06/19	110	3.1	<0.50	1.5	1.2	<0.50	4.3	NA	NA	ND
	05/14/19	85	1.5	<0.50	<0.50	1.4	<0.50	4.2	NA	NA	Vinyl Chloride=0.88 Carbon Tetrachloride =0.53
	08/06/19	110	3.3	<0.50	3.4	1.2	<0.50	4.0	NA	NA	Vinyl Chloride=2.1
	11/06/19	110	1.9	<0.50	0.73	1.0	<0.50	3.5	NA	NA	Carbon Tetrachloride=0.55
	02/05/20	120	3.7	<0.50	3.6	0.85	<0.50	2.9	NA	NA	ND
	06/09/20	140	5.6	0.68	2.6	1.0	<0.50	3.9	NA	NA	Carbon Tetrachloride=0.60, Vinyl Chloride=0.80
MW-14	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	0.19 J	0.19 J	<0.20	NF	ND
MW-15	03/15/13	<0.50	<0.50	0.55	<0.50	0.58	0.30 J	0.56	<0.80	NF	ND
	05/04/17	<0.50	<0.50	0.78	<0.50	0.85	<0.50	<0.50	NA	NA	ND
MW-15D	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NF	ND
MW-16	03/14/08	<0.50	<0.50	0.89	<0.50	2.0	<0.50	9.1	NA	NA	p-IPT=4.9
	03/18/10	<1.0	<1.0	0.8 J	0.2 J	2.1	<1.0	9.0	NA	NA	Chloroethane=0.2J
	09/14/10	<1.0	<1.0	1.5	<1.0	2.6	<1.0	10	NA	NA	ND
	03/12/13	0.34 J	<0.50	0.61	<0.50	1.5	<0.50	8.0	<0.20	NF	ND
MW-16D	03/18/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	p-IPT=1.1
	03/17/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	09/15/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	03/12/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NF	ND
MW-17	03/14/08	<0.50	<0.50	67	0.64	2.8	<0.50	1.6	NA	NA	p-IPT=4.7/Chloroethane=2.2
	03/18/10	<1.0	<1.0	38	0.5 J	1.8	<1.0	0.6 J	NA	NA	Chloroethane=0.9 J/1,2-DCA=0.3 J
	09/15/10	<1.0	<1.0	55	<1.0	2.3	<1.0	1.1	NA	NA	ND
	07/25/12	<0.50	<0.50	36	<0.50	1.3	<0.50	<0.50	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-17	03/13/13	<0.50	<0.50	**14**	**0.20 J**	**1.1**	<0.50	**0.85**	**0.10 J**	NF	ND
cont'd	05/04/17	<0.50	<0.50	**26**	<0.50	**1.1**	<0.50	<0.50	NA	NA	ND
MW-18	03/14/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	**p-IPT=5.0**
	03/17/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	09/15/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	03/12/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NF	ND
MW-19	03/14/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	**p-IPT=3.6**
	03/18/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.2 J**	NA	NA	ND
	09/15/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	07/25/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	03/12/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	**0.13 J**	NA	NF	ND
MW-20	03/18/08	<0.50	<0.50	**7.9**	**2.3**	**5.9**	<0.50	**4.4**	NA	NA	**p-IPT=1.8**
	03/18/10	<1.0	<1.0	**1.4**	**0.5 J**	**0.7 J**	<1.0	**1.0**	NA	NA	ND
	09/15/10	<1.0	<1.0	**22**	**5.7**	**14**	<1.0	**5.5**	NA	NA	ND
	07/25/12	<0.50	<0.50	**9.0**	**2.4**	**3.6**	<0.50	**1.2**	NA	NA	ND
	03/13/13	<0.50	<0.50	**3.7**	**1.3**	**1.7**	<0.50	**1.2**	**0.11 J**	NF	ND
	05/04/17	<0.50	<0.50	**2.7**	**0.98**	**0.72**	<0.50	**2.5**	NA	NA	ND
MW-20D	03/18/08	<0.50	<0.50	**0.62**	<0.50	<0.50	<0.50	<0.50	NA	NA	**p-IPT=3.0**
	03/17/10	<1.0	<1.0	**0.5 J**	<1.0	**0.5 J**	<1.0	<1.0	NA	NA	ND
DUP-3	03/17/10	<1.0	<1.0	**0.4 J**	<1.0	**0.5 J**	<1.0	<1.0	NA	NA	ND
	09/14/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
DUP-1	09/14/10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	ND
	07/24/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	03/12/13	<0.50	<0.50	**0.15 J**	<0.50	**0.19 J**	<0.50	<0.50	**0.14 J**	NF	ND
DUP-1	03/12/13	<0.50	<0.50	**0.17 J**	<0.50	**0.17 J**	<0.50	<0.50	**0.13 J**	NF	ND
MW-21D	03/18/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	**p-IPT=1.7**
	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	NF	ND
DUP-3	03/15/13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	NF	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-22I	07/23/12	<0.50	<0.50	0.89	<0.50	1.6	<0.50	6.3	NA	NA	Carbon Tetrachloride=0.89
	03/13/13	<0.50	<0.50	1.2	<0.50	2.3	<0.50	11	0.090 J	NF	ND
	02/23/16	<0.50	<0.50	0.79	<0.50	1.8	<0.50	6.9	NA	NA	ND
	05/19/16	<0.50	<0.50	0.89	<0.50	1.8	<0.50	6.6	NA	NA	ND
	08/17/16	<0.50	<0.50	0.77	<0.50	1.9	<0.50	6.8	NA	NA	Carbon Tetrachloride=0.86
	11/17/16	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	6.5	NA	NA	Carbon Tetrachloride=0.91
	02/22/17	<0.50	<0.50	0.81	<0.50	2.1	<0.50	6.9	NA	NA	Carbon Tetrachloride=0.94
	05/02/17	<0.50	<0.50	1.2	<0.50	2.2	<0.50	7.3	NA	NA	Carbon Tetrachloride=1.3
	08/01/17	<0.50	<0.50	0.54	<0.50	1.4	<0.50	5.4	NA	NA	Carbon Tetrachloride=0.76
	11/08/17	<0.50	<0.50	0.78	<0.50	1.6	<0.50	5.8	NA	NA	ND
	02/06/18	<0.50	<0.50	0.53	<0.50	1.9	<0.50	6.7	NA	NA	ND
	05/30/18	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	6.6	NA	NA	ND
	08/23/18	<0.50	<0.50	0.69	<0.50	1.5	<0.50	5.6	NA	NA	ND
	11/06/18	<0.50	<0.50	0.76	<0.50	1.4	<0.50	5.1	NA	NA	ND
	02/06/19	<0.50	<0.50	0.89	<0.50	1.9	<0.50	6.7	NA	NA	ND
	05/14/19	<0.50	<0.50	0.82	<0.50	1.5	<0.50	5.4	NA	NA	Carbon Tetrachloride =0.72
	08/06/19	<0.50	<0.50	0.84	<0.50	1.7	<0.50	6.1	NA	NA	ND
	11/06/19	<0.50	<0.50	0.66	<0.50	1.6	<0.50	5.7	NA	NA	Carbon Tetrachloride=0.94
	02/05/20	<0.50	<0.50	0.72	<0.50	1.7	<0.50	5.7	NA	NA	Carbon Tetrachloride=0.81
	06/09/20	<0.50	<0.50	0.72	<0.50	1.7	<0.50	6.1	NA	NA	Carbon Tetrachloride=0.76
MW-23	07/23/12	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	03/13/13	<0.50	<0.50	0.16 J	<0.50	0.43 J	<0.50	0.14 J	0.31	NF	ND
	02/24/16	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/18/16	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/16/16	<0.50	<0.50	1.6	<0.50	0.6	<0.50	<0.50	NA	NA	ND
	11/16/16	<0.50	<0.50	0.89	<0.50	0.69	<0.50	<0.50	NA	NA	ND
	02/22/17	<0.50	<0.50	1.4	<0.50	0.68	<0.50	<0.50	NA	NA	ND
	05/01/17	<0.50	<0.50	1.3	<0.50	<0.50	<0.50	<0.50	NA	NA	ND

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-23	08/01/17	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
cont'd	11/08/17	<0.50	<0.50	2.2	<0.50	0.57	<0.50	<0.50	NA	NA	ND
	02/06/18	<0.50	<0.50	1.8	<0.50	0.59	<0.50	<0.50	NA	NA	ND
	05/30/18	<0.50	<0.50	1.5	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/23/18	<0.50	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	11/06/18	<0.50	<0.50	2.4	<0.50	0.53	<0.50	<0.50	NA	NA	ND
	02/06/19	<0.50	<0.50	1.2	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	05/14/19	<0.50	<0.50	1.6	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	08/06/19	<0.50	<0.50	2.8	<0.50	0.52	<0.50	<0.50	NA	NA	ND
	11/06/19	<0.50	<0.50	1.0	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	02/05/20	<0.50	<0.50	2.2	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
	06/09/20	<0.50	<0.50	2.0	<0.50	<0.50	<0.50	<0.50	NA	NA	ND
MW-23I	07/30/12	<0.50	<0.50	76	<0.50	1.3	<0.50	<0.50	NA	NA	Vinyl Chloride=2.8
	03/14/13	<0.50	<0.50	91	0.24 J	1.2	<0.50	<0.50	5.6	NF	Vinyl Chloride=3.3
	02/24/16	<0.50	<0.50	97	<0.50	1.2	<0.50	<0.50	NA	NA	Vinyl Chloride=2.0
	05/18/16	<0.50	<0.50	50	<0.50	1.0	<0.50	<0.50	NA	NA	Vinyl Chloride=1.4
	08/16/16	<0.50	<0.50	92	<0.50	1.2	<0.50	<0.50	NA	NA	Vinyl Chloride=1.9
	11/16/16	<0.50	<0.50	99	0.67	1.3	<0.50	<0.50	NA	NA	Vinyl Chloride=3.3 Hexachlorobutadiene=0.71
	02/22/17	<0.50	<0.50	97	0.71	1.4	<0.50	<0.50	NA	NA	Vinyl Chloride=2.9

Table 1-4
Historical Groundwater Analytical Results for VOCs*,†
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	PCE	TCE	1,1-DCE	cis-1,2-DCE	1,1-DCA	Chloro-form	1,1,1-TCA	1,4-Dioxane**	TICs	Additional VOCs
Water Quality Objective		5 [b]	5 [b]	6 [b]	6 [b]	5 [b]	80 [b]	200 [b]	1.0 [c]	--	varies
MW-23I cont'd	05/01/17	<0.50	<0.50	**140**	**0.68**	**1.4**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.0**
	08/01/17	<0.50	<0.50	**71**	<0.50	**1.0**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.3**
	11/08/17	<0.50	<0.50	**97**	<0.50	**1.0**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.6**
	02/06/18	<0.50	<0.50	**100**	**0.51**	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.6**
	05/30/18	<0.50	<0.50	**87**	<0.50	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=1.7**
	08/23/18	<0.50	<0.50	**110**	<0.50	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.5**
	11/06/18	<0.50	<0.50	**110**	**0.65**	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=4.2**
	02/06/19	<0.50	<0.50	**93**	**0.73**	**1.1**	<0.50	<0.50	NA	NA	ND
	05/14/19	<0.50	<0.50	**120**	**0.55**	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=3.7**
	08/06/19	<0.50	<0.50	**120**	**0.73**	**1.2**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.4**
	11/06/19	<0.50	<0.50	**86**	**0.59**	**0.96**	<0.50	<0.50	NA	NA	ND
	02/05/20	<0.50	<0.50	**99**	<0.50	**0.93**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.6**
	06/09/20	<0.50	<0.50	**99**	**0.64**	**1.1**	<0.50	<0.50	NA	NA	**Vinyl Chloride=2.8**

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-1	11/19/97	NM	3.40	NM	590	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NA	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NA	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	420	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	400	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	420	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	460	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	420	7.3	NA	NA	33,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	390	7.3	6.0	NA	72,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	402	7.2	<5	NA	90,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	370	7.2	15	NA	33,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	300	7.2	14	NA	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/10/08	NM	1.99	23	334	7.14	10	210	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-36	314.5	7.62	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	03/16/10	NM	NM	NM	NM	NM	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	0.45	-137	219.6	6.83	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	09/16/10	NM	NM	NM	NM	NM	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	33	242.4	6.95	<3.0	166	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	11/18/97	NM	8.70	NM	430	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	250	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	270	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	270	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/05	NM	NM	NM	340	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	300	7.8	NA	NA	12,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	<5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	380	7.6	<5	NA	11,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	280	7.2	<5	NA	68,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	300	7.4	200	NA	39,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	240	7.2	28	NA	22,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/08	NM	8.34	166	280	7.24	<3.0	180	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/10	NM	NM	30	323.6	7.15	75	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	8.21	66	346.3	6.67	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	212	275	7.31	<3.0	187	NA	NA	NA	80	NA	NA	14	0.20 J	0.38	1.6	<1.0	<1.0	NA
	02/24/16	15	8.40	270	348.3	7.43	NA	200	<5,000	<15	<1.0	NA	NA	45	NA	NA	NA	NA	NA	NA	<0.0010
	05/18/16	5	8.95	39	340.4	7.10	NA	270	<5,000	<15	<1.0	NA	NA	44	NA	NA	NA	NA	NA	NA	<0.0010[g]
	08/16/16	5	7.22	109	350.4	7.03	NA	190	<5,000	25	1.6	NA	NA	44	NA	NA	NA	NA	NA	NA	<0.005
	11/16/16	10	5.7	43	350.9	6.56	NA	170	<5,000	<15	<1.0	NA	NA	42	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	10	9.0	-4	374.9	7.17	NA	200	<5,000	32	1.3	NA	NA	44	NA	NA	NA	NA	NA	NA	<0.0010
	05/01/17	10	8.15	35	279	7.56	NA	140	14	100	4.4	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	10	9.60	-29	270.1	6.45	NA	160	11,000	<15	<1.0	NA	NA	24	NA	NA	NA	NA	NA	NA	<0.0010
	11/07/17	5	8.48	116	346.4	7.34	NA	220	9,700	<15	<2.0	NA	NA	43	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	5	9.13	64	324.1	7.26	NA	220	12,000	24	1.4	NA	NA	39	NA	NA	NA	NA	NA	NA	NA
	05/29/18	5	9.75	16	264.9	6.98	NA	160	<5,000	NA	<1.0	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	20	8.99	22	323.9	7.16	NA	190	<5,000	NA	<1.0	NA	NA	32	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	10	9.07	79	292.3	7.13	NA	130	<5,000	NA	<5.0	NA	NA	31	NA	NA	NA	NA	NA	NA	<0.0010

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-2 cont'd	02/05/19	10	8.33	49	298.9	7.32	NA	160	<5,000	NA	<1.0	NA	NA	29	NA	NA	NA	NA	NA	NA	<0.0010
	05/13/19	NA	9.45	201	530.3	6.74	NA	150	<5,000	NA	<1.0	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	5	9.2	177	320.0	6.80	NA	170	14,000	NA	<20	NA	NA	31	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	10	7.87	152	270.8	7.51	NA	140	<5,000	NA	<1.0	NA	NA	29	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	15	8.83	131	277.7	7.67	NA	160	<5,000	NA	1.9	NA	NA	29	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	15	8.10	169	237.6	7.60	NA	130	<5,000	NA	2.4	NA	NA	22	NA	NA	NA	NA	NA	NA	<0.0010
MW-3	11/18/97	NM	4.90	NM	1,300	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	8.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	9.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	1,100	9.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0010
	04/07/03	NM	NM	NM	1,400	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	1,300	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	1,200	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	1,200	9.3	NA	NA	41,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NM	NM	NM	1,100	9.0	30	NA	27,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	970	9.3	50	NA	56,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	780	9.5	100	NA	33,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	880	9.3	110	NA	22,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/08	NM	1.66	77	707	9.5	25	540	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	24	554.2	9.03	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/19/10[h]	NM	NM	-39	604	9.01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.47	155	386.4	9.38	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	170	852	8.48	5.0	569	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	15	1.93	17	613	7.77	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	11/19/97	NM	3.10	NM	840	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	7.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	740	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	360	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	620	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	770	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	630	7.7	NA	NA	30,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NA	NA	8.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NM	NM	NM	480	7.6	13	NA	19,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	720	8.4	5.0	NA	29,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	360	7.5	100	NA	21,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/26/07	NM	NM	NM	480	7.6	50	410	<10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/08	NM	0.83	140	588	7.04	<3.0	NA	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	56	858	7.26	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/19/10[h]	NM	NM	67	875	7.29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.88	200	958	7.26	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	201	981	7.41	5.0	653	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	15	1.48	127	679	7.43	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	11/19/97	NM	6.40	NM	2,200	9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	9.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	9.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	1,700	8.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-5	04/08/03	NM	NM	NM	3,100	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cont'd	06/29/04	NM	NM	NM	2,600	8.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	1,900	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	2,400	8.3	NA	NA	570,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	610	8.1	300	NA	180,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	1,630	9.4	750	NA	260,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	1,500	8.4	750	NA	210,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	1,900	8.0	1,100	NA	230,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/08	NM	0.50	119	2,000	8.2	750	1,200	160,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-108	2,225	8.43	2,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.80	-228	3,476	8.16	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	-80	4,517	8.22	3,800	2,926	NA	NA	850	2,200	NA	NA	2.2	400	390	1.4	24	<1.0	NA
DUP-4	03/14/13	NM	NM	NM	NM	NM	3,800	NA	NA	NA	830	2,400	NA	NA	2.1	440	360	3.5	33	<1.0	NA
	05/03/17	40[i]	0.05	-115	>3,999[j]	8.74	4,000	NA	NA	NA	110	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5D	03/17/08	NM	1.02	-511	2,392	8.1	NA	2,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-7	1,857	8.04	2,000	1,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.79	77	2,038	8.18	4,000	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	89	2,545	8.20	750	1,666	NA	NA	230	400	NA	NA	350	77	41	0.62 J	6.6	<1.0	NA
	05/03/17	35	0.44	-38	2,468	8.24	4,000	NA	NA	NA	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	11/19/97	NM	7.60	NM	600	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	380	7.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	310	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	340	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	340	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	390	6.8	NA	NA	44,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	360	6.9	18	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/26/06	NM	NM	NM	310	9.6	20	NA	49,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	350	7.3	30	NA	26,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	340	7.1	65	NA	19,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	2.30	193	296	6.48	15	220	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/10	NM	NM	30	328	6.87	50	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	0.84	92	403.8	6.74	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	212	545	7.15	3.0	367	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	10	6.01	106	472	7.09	3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	11/19/97	NM	8.40	NM	1,500	10.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	9.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	9.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	610	10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	840	9.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	540	10.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	760	9.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/31/05	NM	NM	NM	600	9.9	NA	NA	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/05/05	NM	NM	NM	NM	NM	32	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NM	NM	NM	960	9.4	80	NA	30,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-7 cont'd	07/26/06	NM	NM	NM	750	9.6	30	NA	43,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/07	NM	NM	NM	860	9.8	88	NA	26,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	920	9.5	55	NA	36,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/11/08	NM	2.13	44	865	9.71	45	630	9,300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	66	654	9.28	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	1.74	115	720	9.47	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	77	720	9.01	12	482	NA	NA	NA	320	NA	NA	42	19	16	**0.66 J**	58	<1.0	NA
	05/03/17	10	7.37	125	700	9.48	75	NA	NA	NA	48	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	11/19/97	NM	5.50	NM	920	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	460	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	530	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	600	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/05	NM	NM	NM	460	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	440	6.7	26	NA	58,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	580	6.9	100	NA	36,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/06	NM	NM	NM	350	7.2	12	NA	<10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	460	6.9	120	NA	39,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	300	6.6	20	NA	120,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/08	NM	0.98	211	472	6.92	25	330	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	77	613	6.70	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	1.65	291	640	6.71	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/13	NM	NM	-60	1,571	6.70	50	1,037	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	20	0.05	85	963	7.63	500	NA	NA	NA	95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	11/19/97	NM	4.10	NM	450	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	350	7.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	380	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	480	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/05	NM	NM	NM	360	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	410	6.9	15	NA	51,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	410	7.1	13	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/06	NM	NM	NM	430	7.1	12	NA	28,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	250	7.0	38	NA	28,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	240	7.1	18	NA	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	0.89	153	261	7.01	12	190	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	75	610	7.02	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	1.04	285	524	7.15	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/24/12	72	1.51	-27	492	7.15	NA	333	NA	<100	36	170	1.1	16	53	NA	NA	NA	NA	NA	NA
DUP-1	07/24/12	NM	NM	NM	NM	NM	NA	NM	NA	<100	34	170	1.1	16	54	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	234	413.4	7.21	10	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	110	3.60	271	511	7.05	NA	310	16,000	<15	9.8	NA	NA	20	NA	NA	NA	NA	NA	NA	<0.0010
	05/18/16	80	0.14	117	751	6.91	NA	590	64,000	260	180	NA	NA	21	NA	NA	NA	NA	NA	NA	<0.0010
	08/16/16	25	0.18	169	844	7.27	NA	520	19,000	39	57	NA	NA	22	NA	NA	NA	NA	NA	NA	<0.005[k]
	11/16/16	20	0.9	190	685	7.18	NA	460	21,000	25	53	NA	NA	19	NA	NA	NA	NA	NA	NA	0.0011
	02/22/17	15	0.8	0.68	582	7.30	NA	390	23,000	46	11	NA	NA	21	NA	NA	NA	NA	NA	NA	<0.0010

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-9 cont'd	05/01/17	25	0.2	161	752	7.60	NA	430	15,000	<15	7.9	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	35	0.22	109	972	6.96	NA	660	15,000	<15	11	NA	NA	44	NA	NA	NA	NA	NA	NA	<0.0020[33]
	11/07/17	25	0.96	190	753	7.57	NA	480	7,200	<15	12	NA	NA	37	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	20	0.92	128	617.2	7.57	NA	450	7,900	26	7.1	NA	NA	23	NA	NA	NA	NA	NA	NA	NA
	05/29/18	15	1.06	37	534.4	7.42	NA	320	<5,000	NA	4.6	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	15	0.36	-14	466.3	7.46	NA	280	<5,000	NA	6.2	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	10	0.42	101	440.2	7.64	NA	240	<5,000	NA	7.2	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/19	20	2.20	232	493.5	7.48	NA	340	<5,000	NA	8.0	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	05/13/19	NA	0.56	274	1,243	7.08	NA	370	<5,000	NA	27	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	15	0.27	205	500.0	6.79	NA	250	8,300	NA	20	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	20	8.08	188	541.6	7.56	NA	300	<5,000	NA	43	NA	NA	21	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	35	0.98	176	511.8	7.46	NA	280	7,100	NA	140	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	40	0.16	242	520.8	7.40	NA	310	<5,000	NA	160	NA	NA	28	NA	NA	NA	NA	NA	NA	<0.0010
MW-9I	07/24/12	60	0.16	-50	373	7.18	NA	254	NA	<100	76	130	<0.10	11	42	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	209	269.9	7.11	15	184	NA	NA	41	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	85	0.00	263	351.1	7.00	NA	230	22,000	230	25	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	05/18/16	30	0.03	-48	611	7.24	NA	500	47,000	770	56	NA	NA	20	NA	NA	NA	NA	NA	NA	<0.0010
	08/16/16	15	0.08	-4	527	7.10	NA	310	17,000	1,600	68	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.005
	11/16/16	10	0.2	156	544	6.74	NA	370	48,000	1,100	48	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	20	0.2	22	427.1	7.20	NA	260	9,300	600	31	NA	NA	25	NA	NA	NA	NA	NA	NA	<0.0010
	05/01/17	25	0.08	82	451	7.54	NA	250	31,000	180	17	NA	NA	21	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	10	0.08	82	575	7.25	NA	370	10,000	200	12	NA	NA	26	NA	NA	NA	NA	NA	NA	<0.0010
	11/07/17	20	0.07	78	632	7.43	NA	500	13,000	380	21	NA	NA	34	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	20	0.16	82	511	7.49	NA	340	11,000	280	15	NA	NA	18	NA	NA	NA	NA	NA	NA	NA
	05/29/18	10	0.06	13	413.8	7.35	NA	250	<5,000	NA	16	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	15	0.10	-29	350.3	7.20	NA	220	9,400	NA	25	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	30	0.09	-6	485.2	7.22	NA	270	17,000	NA	29	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/19	70	0.56	188	447.5	7.39	NA	290	11,000	NA	18	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	05/13/19	NA	0.05	269	761	7.62	NA	250	5,500	NA	12	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	10	0.02	206	428.4	7.25	NA	270	13,000	NA	50	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	5	0.41	186	322.1	7.97	NA	230	8,600	NA	27	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	15	0.11	160	267.4	7.89	NA	160	5,800	NA	21	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	15	0.92	231	292.9	7.74	NA	230	19,000	NA	160	NA	NA	21	NA	NA	NA	NA	NA	NA	<0.0010
MW-10	11/19/97	NM	4.00	NM	500	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/21/98	NM	NM	NM	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/12/01	NM	NM	NM	NM	6.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/15/02	NM	NM	NM	370	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/07/03	NM	NM	NM	330	6.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	06/29/04	NM	NM	NM	410	6.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/05	NM	NM	NM	430	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	450	7.1	17	NA	33,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	400	6.8	8.0	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/06	NM	NM	NM	430	7.0	8.0	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	340	6.8	35	NA	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	370	6.7	18	NA	28,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	0.98	162	328	6.94	12	220	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	83	313.1	6.87	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	1.52	199	235.9	6.96	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-10 cont'd	07/25/12	25	2.94	122	278	6.73	NA	190	NA	<100	18	100	1.2	28	13	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	237	344.5	6.93	<3.0	234	NA	NA	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	10	6.97	105	203	6.77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	06/29/04	NM	NM	NM	760	7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/30/05	NM	NM	NM	350	7.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	650	7.2	18	NA	110,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NM	NM	NM	180	7.3	20	NA	54,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/06	NM	NM	NM	410	7.2	20	NA	44,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	180	7.0	400	NA	93,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	370	6.9	50	NA	61,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	2.27	179	251	6.8	12	160	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	85	296.5	7.14	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	1.55	173	376.6	6.99	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/24/12	40	4.11	-33	307.4	6.95	NA	210	NA	<100	<2.0	120	1.0	14	9.2	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	199	264.5	6.80	7.5	180	NA	NA	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/17	20	4.80	134	352.5	6.88	NA	180	7,900	23	1.5	NA	NA	9.6	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	30	5.05	158	414	7.06	NA	240	10,000	<15	11	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	20	0.06	32	339.1	6.63	NA	200	<5,000	16	53	NA	NA	8.7	NA	NA	NA	NA	NA	NA	<0.0010
	11/07/17	15	0.09	115	304.8	7.13	NA	180	7,600	91	59	NA	NA	9.3	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	10	6.97	139	268.1	7.28	NA	180	<5,000	<15	4.5	NA	NA	8.9	NA	NA	NA	NA	NA	NA	NA
	05/29/18	15	0.19	110	331.6	7.03	NA	200	<5,000	NA	42	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	5	0.15	14	336.1	7.05	NA	190	7,000	NA	43	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	30	0.04	41	399.3	7.10	NA	200	9,800	NA	41	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/19	10	4.82	249	296.4	7.13	NA	180	5,500	NA	19	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.02	273	311.4	7.26	NA	71	8,800	NA	96	NA	NA	4.0	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	20	0.05	95	234.4	6.64	NA	150	13,000	NA	110	NA	NA	7.7	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	15	0.14	78	257.8	7.34	NA	170	6,900	NA	56	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	20	5.63	46	288.2	7.36	NA	190	17,000	NA	220	NA	NA	29	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	125	0.13	-51	955	7.33	NA	550	170,000	NA	860	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
MW-11I	07/24/12	50	0.54	-50	397.4	8.84	NA	270	NA	390	52	210	0.11	8.4	10	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	169	526	7.01	3.0	354	NA	NA	33	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/17	25	0.06	40	393.2	7.31	NA	210	33,000	97	21	NA	NA	9.9	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	15	0.05	186	276	7.31	NA	160	10,000	38	9.5	NA	NA	9.9	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	10	0.07	-36	257.6	7.10	NA	140	<5,000	80	14	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	11/08/17	10	0.03	NM	405.7	7.58	NA	290	<5,000	270	30	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/18	10	0.29	211	521.3	7.37	NA	340	<5,000	57	17	NA	NA	15	NA	NA	NA	NA	NA	NA	NA
	05/30/18	25	0.04	96	924	7.22	NA	540	11,000	NA	47	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	08/23/18	20	0.04	-21	983	7.46	NA	600	17,000	NA	15	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/18	45	0.07	-39	1,038	7.28	NA	590	6,600	NA	20	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/19	10	0.10	265	553.9	7.45	NA	300	13,000	NA	6.0	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.04	240	462.5	7.51	NA	130	<5,000	NA	22	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	08/06/19	10	0.05	89	291.1	7.47	NA	180	11,000	NA	88	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/19	10	0.21	122	434.4	6.83	NA	280	7,200	NA	210	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	25	0.04	187	422.9	7.53	NA	270	<5,000	NA	88	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	06/09/20	20	0.13	99	500.1	7.41	NA	310	8,100	NA	270	NA	NA	22	NA	NA	NA	NA	NA	NA	<0.0010
MW-12	03/30/05	NM	NM	NM	540	7.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	660	7.4	10	NA	45,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NM	NM	NM	490	7.3	<5	NA	14,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-12 cont'd	07/27/06	NM	NM	NM	500	7.4	5.0	NA	19,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	400	7.3	15	NA	19,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	450	7.1	14	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	1.80	209	406	6.28	3.0	270	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	76	521	7.29	5.0	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	1.24	153	479.8	7.19	5.0	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/12	30	0.08	-45	432	5.88	NA	294	NA	<100	11	160	0.67	31	18	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	218	242.7	7.43	<3.0	166	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	10	3.43	105	491	7.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	03/30/05	NM	NM	NM	340	7.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/01/05	NM	NM	NM	630	7.5	12	NA	44,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NM	NM	NM	400	7.3	17	NA	22,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/27/06	NM	NM	NM	380	7.4	19	NA	28,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/29/07	NM	NM	NM	290	7.2	20	NA	35,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/29/07	NM	NM	NM	410	7.1	22	NA	24,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/08	NM	1.07	176	288	7.46	5.0	200	<5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	27	286.3	7.13	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	03/17/10	NM	NM	NM	NM	NM	10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	1.06	140	370.1	7.15	25	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-100	09/15/10	NM	NM	NM	NM	NM	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/12	35	0.20	56	384.8	7.27	NA	262	NA	<100	8.0	160	0.44	17	21	NA	NA	NA	NA	NA	NA
DUP-2	07/25/12	NM	NM	NM	NM	NM	NA	NM	NA	<100	8.2	160	0.45	17	21	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	180	258.6	7.09	5.0	176	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	03/14/13	NM	NM	NM	NM	NM	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	25	0.10	223	317.9	7.09	NA	200	13,000	<15	6.2	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010
	05/19/16	25	0.75	190	349.1	6.02	NA	220	19,000	22	43	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	08/17/16	20	8.95	151	437.9	6.11	NA	250	5,600	<15	20	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.005[k]
	11/17/16	15	0.5	203	379.3	6.94	NA	220	9,600	<15	23	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	15	0.01	35	248.6	7.27	NA	140	5,400	18	2.6	NA	NA	7.4	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	10	1.60	54	178	7.36	NA	110	10,000	<15	1.5	NA	NA	5.1	NA	NA	NA	NA	NA	NA	<0.0010
	08/02/17	10	0.08	159	362.4	6.05	NA	200	<5,000	<15	17	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	11/07/17	15	0.11	54	326.4	7.29	NA	210	<5,000	<15	14	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	10	4.56	61	244.8	7.34	NA	160	<5,000	<15	1.2	NA	NA	17	NA	NA	NA	NA	NA	NA	NA
	05/29/18	30	0.07	38	422.8	7.04	NA	230	<5,000	NA	12	NA	NA	10	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	40	0.18	-49	603.0	7.01	NA	340	14,000	NA	140	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	45	0.02	15	656	7.15	NA	380	16,000	NA	97	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/19	30	0.33	223	480.7	7.15	NA	290	28,000	NA	48	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.19	208	752	7.41	NA	230	14,000	NA	12	NA	NA	8.1	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	10	0.02	-25	242.3	6.83	NA	160	16,000	NA	13	NA	NA	6.2	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	15	0.15	48	188.1	7.72	NA	150	23,000	NA	30	NA	NA	6.7	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	20	3.23	-2	260.0	7.65	NA	170	7,000	NA	9.1	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	25	1.36	222	277.4	7.50	NA	170	28,000	NA	16	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
MW-13D	03/13/08	NM	0.82	211	426	7.1	NA	290	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-68	538	6.92	NA	310	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	1.01	48	638	6.92	NA	310	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/23/12	80	0.29	-114	556	6.99	NA	376	NA	5,000	440	220	<0.10	13	26	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	-54	413.6	6.92	15	280	NA	NA	330	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	35	5.50	19	418.9	7.26	NA	260	18,000	1,100	180	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-13D cont'd	05/19/16	25	2.77	-82	352.5	6.26	NA	250	15,000	1,000	140	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	08/17/16	15	1.05	24	439.4	6.74	NA	280	<5,000	250	79	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.005
	11/16/16	25	0.0	-80	444	7.32	NA	290	6,200	1,500	170	NA	NA	16	NA	NA	NA	NA	NA	NA	0.0064
	02/22/17	29	5.35	-80	457	7.07	NA	270	<5,000	1,700	210	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	10	5.65	54	436	7.10	NA	260	14,000	1,900	220	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	15	0.06	-104	425	6.87	NA	250	<5,000	2,300	220	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	11/07/17	15	0.14	-74	404.3	7.28	NA	250	<5,000	2,200	200	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/18	25	0.08	-96	432.7	7.22	NA	250	<5,000	2,400	250	NA	NA	14	NA	NA	NA	NA	NA	NA	NA
	05/29/18	20	6.31	-136	503.3	7.07	NA	280	<5,000	NA	280	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	08/22/18	20	0.03	10	478.0	7.09	NA	260	<5,000	NA	250	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/18	45	0.08	-58	877.0	7.07	NA	430	18,000	NA	460	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/19	30	0.01	18	645	7.25	NA	400	30,000	NA	190	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	2.35	336	863	7.27	NA	280	7,500	NA	190	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	08/05/19	20	0.04	-61	503.0	6.82	NA	300	14,000	NA	210	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/05/19	35	0.15	160	465.4	7.47	NA	290	7,200	NA	230	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	35	1.61	100	452.6	7.46	NA	280	<5,000	NA	110	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	06/08/20	64	0.89	234	501.2	7.35	NA	310	16,000	NA	82	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
MW-13I	07/25/12	60	0.19	70	600	7.31	NA	405	NA	<100	78	210	0.63	17	51	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	126	392.2	7.36	3.0	266	NA	NA	47	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	15	0.20	231	433.6	7.27	NA	270	14,000	<15	30	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	05/19/16	35	0.09	172	407.2	6.76	NA	270	22,000	<15	57	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	08/17/16	15	0.47	160	528	5.86	NA	300	7,500	<15	60	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.005
	11/17/16	25	0.1	174	536	7.07	NA	350	14,000	<15	61	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	15	0.1	76	511	7.04	NA	290	<5,000	<15	38	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	20	0.07	73	495	7.15	NA	290	11,000	<15	34	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	08/02/17	15	0.05	93	394.7	6.57	NA	220	<5,000	<15	48	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	11/08/17	10	0.07	199	326.1	7.30	NA	220	<5,000	<15	57	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/18	15	0.13	217	275.3	7.37	NA	190	<5,000	<15	20	NA	NA	9.4	NA	NA	NA	NA	NA	NA	NA
	05/30/18	15	0.05	76	662	7.09	NA	400	<5,000	NA	200	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	08/23/18	40	0.03	-37	1,047	7.09	NA	640	24,000	NA	120	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/18	20	0.03	88	831	7.38	NA	470	6,000	NA	81	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/19	15	0.04	285	634	7.41	NA	350	12,000	NA	32	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.04	235	954	7.37	NA	300	6,500	NA	47	NA	NA	9.7	NA	NA	NA	NA	NA	NA	<0.0010
	08/06/19	10	0.14	164	414.8	7.58	NA	280	8,700	NA	34	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/19	5	0.22	37	426.5	6.69	NA	260	<5,000	NA	64	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	15	0.12	71	357.6	7.63	NA	230	<5,000	NA	47	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	06/09/20	20	0.20	62	608.0	7.33	NA	410	22,000	NA	78	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
MW-14	03/14/08	NM	5.94	396	363	7.7	NA	260	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	47	551	6.84	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NM	1.09	278	476.4	6.85	40	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	188	621	6.96	<3.0	417	NA	NA	NA	170	NA	NA	75	1.2	1.3	7.0	<1.0	<1.0	NA
	05/03/17	10	7.40	116	263	6.93	3.0	NA	NA	NA	28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	03/17/08	NM	1.21	-582	2,318	10.1	NA	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-99	1,976	10.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/10	NM	NM	-84	1,993	10.12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.60	-69	1,701	10.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	89	2,154	10.35	80	1,414	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	0	4.27	79	1,523	10.35	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-15D	03/17/08	NM	0.32	-212	23,780	7.5	NA	16,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NM	NM	-182	24,990	7.36	NA	17,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.70	65	25,500	7.27	NA	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	-76	24,860	7.52	3.0	15,610	NA	NA	490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	03/14/08	NM	3.87	379	323	7.3	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	58	315.9	7.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	1.74	123	415.3	7.28	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	224	384.6	7.12	<3.0	261	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16D	03/18/08	NM	0.28	-295	10,720	7.5	NA	6,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	51	14,020	7.18	NA	9,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.77	91	13,500	6.51	NA	9,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	115	16,350	7.16	3.0	10,345	NA	NA	9.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	03/14/08	NM	0.87	97	947	6.8	NA	410	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	72	756	7.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.87	247	763	6.86	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/12	80	1.83	174	727	6.88	NA	489	NA	<100	30	290	1.3	16	79	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	206	705	6.87	5.0	472	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	30	0.80	126	835	6.69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	03/14/08	NM	0.98	345	399	7.0	NA	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	50	416.1	7.06	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.97	74	416.9	6.99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	207	416.3	7.12	5.0	282	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	03/14/08	NM	4.76	252	596	7.0	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	76	580	7.02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	3.59	211	468.3	7.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/12	50	3.57	148	454.5	7.27	NA	309	NA	<100	<2.0	210	0.65	11	6.3	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	256	496.2	7.17	3.0	335	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	03/18/08	NM	3.60	3.6	413	6.9	NA	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NM	NM	84	220.7	7.07	NA	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.81	203	457.1	7.00	NA	320	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/25/12	35	0.24	55	445	5.30	NA	302	NA	<100	<2.0	170	0.10	21	30	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	172	276.8	7.12	5.0	189	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	10	6.84	206	300	6.94	5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-20D	03/18/08	NM	0.30	-270	318	7.6	NA	270	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	19	315.6	7.64	NA	220	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-3	03/16/10	NM	NM	NM	NM	NM	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NM	0.69	66	314.4	7.40	NA	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	09/14/10	NM	NM	NM	NM	NM	NA	240	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	07/24/12	25	0.68	58	303	7.66	NA	207	NA	430	25	110	<0.10	15	19	NA	NA	NA	NA	NA	NA
	03/12/13	NM	NM	-59	273.9	7.81	70	187	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	03/12/13	10	6.84	206	300	6.94	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	10	2.92	175	299	7.63	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-21D	03/18/08	NM	0.24	-543	2,022	7.9	NA	1,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NM	NM	-195	2,597	8.95	NA	2,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NM	0.39	61	2,114	8.16	NA	1,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NM	NM	-149	2,744	8.90	100	1,793	NA	NA	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-3	03/15/13	NM	NM	NM	NM	NM	200	NA	NA	NA	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	NM[l]	0.09	-5	2440	8.21	300	NA	NA	NA	120	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-22I	07/23/12	24	1.15	151	570	6.66	NA	385	NA	<100	180	270	<0.10	18	51	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	231	582	6.96	3.0	391	NA	NA	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	80	0.04	142	486	7.10	NA	290	5,100	<15	85	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	05/19/16	15	0.08	196	511	6.60	NA	340	9,700	<15	41	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	08/17/16	15	0.05	203	550	6.39	NA	320	<5,000	54	680	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.005
	11/17/16	20	0.2	194	448	7.06	NA	300	10,000	38	460	NA	NA	12	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	20	0.1	114	447.5	7.04	NA	270	14,000	310	590	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010
	05/02/17	35	0.6	48	501	7.06	NA	280	9,000	18	260	NA	NA	14	NA	NA	NA	NA	NA	NA	<0.0010
	08/01/17	20	0.6	-35	563	6.67	NA	350	<5,000	<15	360	NA	NA	18	NA	NA	NA	NA	NA	NA	<0.0010
	11/08/17	25	0.12	200	500.9	7.14	NA	350	<5,000	<15	330	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/18	10	0.44	223	445	7.20	NA	290	<5,000	<15	240	NA	NA	16	NA	NA	NA	NA	NA	NA	NA
	05/30/18	5	0.21	57	451.7	7.12	NA	250	<5,000	NA	250	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	08/23/18	10	0.04	54	501.9	7.09	NA	280	<5,000	NA	290	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/18	15	0.13	69	544.4	7.14	NA	290	<5,000	NA	280	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/19	25	0.20	266	557.4	7.05	NA	330	10,000	NA	200	NA	NA	19	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.03	272	831	6.91	NA	240	5,800	NA	160	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
	08/06/19	20	0.02	173	470.0	7.22	NA	300	<5,000	NA	220	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/19	15	0.06	71	468.8	7.04	NA	290	<5,000	NA	230	NA	NA	16	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	15	0.54	31	424.1	7.31	NA	270	<5,000	NA	120	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	06/09/20	15	0.07	23	416.1	7.20	NA	270	6,400	NA	120	NA	NA	11	NA	NA	NA	NA	NA	NA	<0.0010
MW-23	07/23/12	100	1.30	-41	513	6.74	NA	347	NA	230	83	430	<0.10	120	19	NA	NA	NA	NA	NA	NA
	03/13/13	NM	NM	24	574	7.72	25	386	NA	NA	72	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	50	3.30	170	338.7	7.55	NA	310	7,500	200	61	NA	NA	23	NA	NA	NA	NA	NA	NA	<0.0010
	05/18/16	35	0.09	-56	347.1	7.42	NA	380	19,000	45	64	NA	NA	22	NA	NA	NA	NA	NA	NA	<0.0010
	08/16/16	10	0.04	102	388.6	6.98	NA	640	20,000	97	85	NA	NA	79	NA	NA	NA	NA	NA	NA	<0.005
	11/16/16	25	0.0	-48	383.1	7.19	NA	280	<5,000	200	44	NA	NA	35	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	25	4.5	45	352.1	7.50	NA	230	12,000	31	23	NA	NA	17	NA	NA	NA	NA	NA	NA	<0.0010
	05/01/17	35	0.16	37	335	7.72	NA	180	30,000	49	29	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010
	08/02/17	5	0.11	-36	361.2	6.48	NA	430	<5,000	63	180	NA	NA	52	NA	NA	NA	NA	NA	NA	<0.0010
	11/08/17	20	0.06	95	412.7	7.48	NA	330	<5,000	120	110	NA	NA	46	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/18	15	1.27	188	528.3	7.44	NA	290	<5,000	140	92	NA	NA	41	NA	NA	NA	NA	NA	NA	NA
	05/30/18	10	0.05	-56	367.4	7.30	NA	220	<5,000	NA	130	NA	NA	13	NA	NA	NA	NA	NA	NA	<0.0010
	08/23/18	20	0.10	-27	489.8	7.38	NA	250	8,000	NA	130	NA	NA	37	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/18	20	0.40	-32	600.4	7.37	NA	350	6,000	NA	120	NA	NA	90	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/19	15	2.15	315	479.8	7.30	NA	240	17,000	NA	49	NA	NA	30	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.03	163	681	7.06	NA	240	12,000	NA	100	NA	NA	15	NA	NA	NA	NA	NA	NA	<0.0010
	08/06/19	15	0.03	190	449.5	7.30	NA	360	11,000	NA	87	NA	NA	33	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/19	15	0.04	146	466.7	6.91	NA	350	11,000	NA	78	NA	NA	57	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	20	1.47	183	480.7	7.65	NA	290	<5,000	NA	37	NA	NA	44	NA	NA	NA	NA	NA	NA	<0.0010
	06/09/20	20	0.45	28	319.2	7.53	NA	380	21,000	NA	55	NA	NA	35	NA	NA	NA	NA	NA	NA	<0.0010
MW-23I	07/30/12	25	0.04	-145	415	7.84	NA	282	NA	<100	75	220	<0.10	11	21	NA	NA	NA	NA	NA	NA
	03/14/13	NM	NM	-62	384.1	6.98	5.0	260	NA	NA	130	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	70	0.00	5	539	7.19	NA	340	10,000	1,600	170	NA	NA	27	NA	NA	NA	NA	NA	NA	<0.0010
	05/18/16	45	0.04	-100	511	7.13	NA	490	18,000	2,400	170	NA	NA	25	NA	NA	NA	NA	NA	NA	<0.0010
	08/16/16	30	0.12	-56	567	6.90	NA	310	15,000	1,500	160	NA	NA	24	NA	NA	NA	NA	NA	NA	<0.005

Table 1-5
Historical Parameters of Concern*
Evergreen Pulp Incorporated, Samoa, California

Sample Location	Sample Date	DCO_2	DO	ORP	EC	pH‡	Color	TDSϕ	COD	Iron**	Manganese**	Alkalinity†	Nitrate as Nitrogen [a]	Chloride [a]	Sulfate [a]	TOC	DOC	POM	Carbonate†	Hydroxide†	Bromate[b]
		(mg/L)	(mg/L)	(mV)	(umhos/cm)	(std. units)	(color units)	(mg/L)	(ug/L)	(ug/L)	(ug/L)	(mg/L $CaCO_3$)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L)	(mg/L $CaCO_3$)	(mg/L $CaCO_3$)	(mg/L)
Water Quality Objective		--	--	--	900 [c]	6.5 - 8.5 [d]	15 [c]	500 [c]	--	300[c]	168[e]	--	10[f]	250[c]	250[c]	--	--	--	--	--	10[f]
MW-23I cont'd	11/16/16	15	0.0	-56	527	7.08	NA	310	22,000	1,700	150	NA	NA	25	NA	NA	NA	NA	NA	NA	<0.0010
	02/22/17	25	0.04	-61	515	7.30	NA	310	28,000	1,400	140	NA	NA	28	NA	NA	NA	NA	NA	NA	<0.0010
	05/01/17	30	0.04	-88	503	7.42	NA	270	23,000	1,300	130	NA	NA	25	NA	NA	NA	NA	NA	NA	<0.0020[m]
	08/02/17	15	0.09	-111	501	4.89	NA	260	5,200	1,200	130	NA	NA	26	NA	NA	NA	NA	NA	NA	<0.0010
	11/08/17	15	0.13	-69	460.0	7.27	NA	270	5,600	990	120	NA	NA	30	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/18	20	0.25	251	474.1	7.35	NA	310	<5,000	960	130	NA	NA	31	NA	NA	NA	NA	NA	NA	NA
	05/30/18	20	0.04	-139	600	7.32	NA	360	<5,000	NA	110	NA	NA	30	NA	NA	NA	NA	NA	NA	<0.0010
	08/23/18	20	0.02	-94	511.4	7.20	NA	280	7,200	NA	100	NA	NA	32	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/18	15	0.08	-72	523.6	7.42	NA	280	<5,000	NA	99	NA	NA	31	NA	NA	NA	NA	NA	NA	<0.0010
	02/06/19	15	0.07	290	516.6	7.29	NA	280	7,800	NA	100	NA	NA	22	NA	NA	NA	NA	NA	NA	<0.0010
	05/14/19	NA	0.02	211	981	7.05	NA	290	8,600	NA	120	NA	NA	31	NA	NA	NA	NA	NA	NA	<0.0010
	08/06/19	15	0.02	92	470.2	7.41	NA	300	9,500	NA	130	NA	NA	29	NA	NA	NA	NA	NA	NA	<0.0010
	11/06/19	20	0.10	169	417.3	6.57	NA	260	10,000	NA	160	NA	NA	28	NA	NA	NA	NA	NA	NA	<0.0010
	02/05/20	15	0.19	182	459.1	7.56	NA	300	8,400	NA	250	NA	NA	27	NA	NA	NA	NA	NA	NA	<0.0010
	06/09/20	45	0.04	86	764	7.45	NA	510	42,000	NA	620	NA	NA	35	NA	NA	NA	NA	NA	NA	<0.0010

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000†**	**6†**	**10†**	**1,000†**	**4†**	**5†**	**50†**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15†**	**168[c]**	**2†**	**35[a]**	**100†**	**—**	**—**	**50†**	**100[b]**	**2†**	**50[d]**	**5,000[c]**	**20†**
MW-1	11/19/97	NA	<50	<10	**13**	<1.0	<10	**8.7**	<10	NA	NA	<10	<20	NA	<2.0	<20	<20	NA	NA	<10	<10	<20	<10	<20	NA
	04/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/04	NA	<20	**3.9**	**16**	<10	<10	<50	<20	NA	NA	<100	<50	**45**	<1.0	<1,000	<100	NA	NA	<5.0	**9.6**	<400	<500	**2.2 J**	NA
	08/31/05	NA	<6.0	**2.8**	<100	NA	NA	<2.0	<20	NA	NA	**3.2**	<2.0	**27**	<1.0	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	**2.8**	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.0	**29**	<0.20	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/26/06	NA	<6.0	**3.2**	<100	NA	NA	<2.0	<20	<1.0	NA	**2.1**	<2.0	**32**	<0.20	NA	**2.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/28/07	NA	<1.0	**2**	**8.1**	NA	NA	<1.0	<1.0	<1.0	NA	**1.2**	<1.0	**21**	<1.0	NA	**3.3**	NA	NA	NA	<2.0	<1.0	**1.5**	NA	NA
	08/29/07	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.5	**21**	<0.20	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/10/08	NA	<5.0	<2.0	**9.7**	NA	NA	**4.0**	<5.0	<10	NA	<5.0	<2.0	**20**	<1.0	NA	**3.5**	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/16/10	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	03/16/10	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	**2.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	09/16/10	NA	NA	**2.1**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	11/18/97	NA	<50	<10	**500**	<1.0	<10	<5.0	<10	NA	NA	<10	<20	NA	<2.0	<20	<20	NA	NA	<10	<10	<20	<10	<20	NA
	04/21/98	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/04	NA	<20	<2	<10	<10	<10	<50	**8.3 J**	NA	NA	<100	<50	**13 J**	<1.0	<1,000	<100	NA	NA	<5.0	<50	<400	<500	**1.9 J**	NA
	08/31/05	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	NA	NA	**2.5**	<2.0	<20	<1.0	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	**2**	NA	<2.0	<2.0	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/26/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	**1.4**	NA	**2.2**	<2.0	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/28/07	NA	<1.0	<1.0	**2.6**	NA	NA	**2.3**	<1.0	**2.5**	NA	**1.3**	<1.0	**4.8**	<1.0	NA	**3.1**	NA	NA	NA	<2.0	<1.0	<1.0	NA	NA
	08/29/07	NA	<6.0	<2.0	<100	NA	NA	**3.2**	<20	**1.8**	NA	<2.0	<2.5	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/11/08	NA	<5.0	<2.0	**2.6**	NA	NA	**5.2**	<5.0	<10	NA	<5.0	<2.0	<2.0	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/15/10	NA	NA	**2 J**	NA	NA	NA	**7.7**	NA	**2 J**	NA	NA	NA	**22**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	<2.0	NA	NA	NA	**4.2**	NA	NA	NA	NA	NA	<1.0	NA	NA	**1.1**	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2,700**	**19,000**	NA	NA	NA	NA	NA	NA
	02/24/16	<20	<10	<10	**2.7**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<1.0	<1.0	<10	<5.0	NA	**16,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/18/16	<20	<10	<10	**2.6**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<1.0	<1.0	<10	<5.0	NA	**16,000**	<20	<10	<10	<1.0	<5.0	<1.0
	08/16/16	**31**	<10	<10	**2.8**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.6**	<1.0	<10	<5.0	NA	**15,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/16/16	<20	<10	<10	**2.7**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<1.0	<1.0	<10	<5.0	NA	**17,000**	<20	<10	<10	<1.0	<5.0	<1.0
	02/22/17	**32**	<10	<10	**2.8**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.3**	<1.0	<10	<5.0	NA	**17,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/01/17	**73**	<10	<10	**2.5**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**4.4**	<1.0	<10	<5.0	NA	**14,000**	<20	<10	<10	<1.0	<5.0	<1.0[e]
	08/01/17	<20	<10	<10	**2.4**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<1.0	<1.0	<10	<5.0	NA	**15,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/07/17	<20	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	<2.0	<1.0	<5.0	<5.0	NA	**19,000**	<10	<5.0	<5.0	<5.0	**33**	<1.0
	02/05/18	21	<20	<10	3.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.4**	<1.0	<10	<5.0	NA	**18,000**	<20	<10	<10	<1.0	<5.0	NA
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<1.0	NA	NA	NA	NA	**18,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<1.0	NA	NA	NA	NA	**20,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<5.0	NA	NA	NA	NA	**18,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<1.0	NA	NA	NA	NA	**19,000**	NA	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<1.0	NA	NA	NA	NA	**16,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<20	NA	NA	NA	NA	**310,000**	NA	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	<1.0	NA	NA	NA	NA	**15,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**1.9**	NA	NA	NA	NA	**23,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**2.4**	NA	NA	NA	NA	**18,000**	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000[†]**	**6[†]**	**10[†]**	**1,000[†]**	**4[†]**	**5[†]**	**50[†]**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15[†]**	**168[c]**	**2[†]**	**35[a]**	**100[†]**	**—**	**—**	**50[†]**	**100[b]**	**2[†]**	**50[d]**	**5,000[c]**	**20[†]**
MW-3	11/18/97	NA	<50	**190**	**31**	<1.0	<10	**32**	<10	NA	NA	**25**	<20	NA	<2.0	<20	**34**	NA	NA	<10	<10	<20	**270**	**37**	NA
	04/21/98	NA	NA	**150**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**110**	**27**	NA
	11/29/04	NA	<20	**56**	**17**	<10	<10	**43 J**	**5.3 J**		NA	**4.7 J**	<50	**70 J**	<1.0	**9.6 J**	**15 J**	NA	NA	<5.0	**8.7 J**	<400	**49 J**	**8.8 J**	NA
	08/31/05	NA	<6.0	**29**	<100	NA	NA	**11**	<20	NA	NA	**5.6**	<2.0	<20	<1.0	NA	<2.0	NA	NA	NA	<0.20	<2.0	**22**	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	**9.2**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NA	<6.0	**29**	<100	NA	NA	**15**	<20	**12**	NA	<2.0	<2.0	<20	<0.20	NA	**2.8**	NA	NA	NA	<0.20	<2.0	**20**	NA	NA
	07/26/06	NA	<6.0	**34**	<100	NA	NA	**14**	<20	**13**	NA	**4.2**	<2.0	**22**	<0.20	NA	**4.1**	NA	NA	NA	<0.20	<2.0	**23**	NA	NA
	03/28/07	NA	<1.0	**35**	<1.0	NA	NA	**7.4**	<1.0	**8.5**	NA	**4.8**	<1.0	**2.3**	<1.0	NA	**2.6**	NA	NA	NA	<2.0	<1.0	**23**	NA	NA
	08/29/07	NA	<6.0	**24**	<100	NA	NA	**33**	<20	**29**	NA	**3.6**	**2.6**	**21**	<0.20	NA	**3.6**	NA	NA	NA	<0.20	<2.0	**18**	NA	NA
	03/11/08	NA	<5.0	**33**	<2.0	NA	NA	**9.5**	<5.0	<10	NA	**6**	<2.0	<2.0	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	**23**	NA	NA
	3/16/10[f]	NA	NA	**25**	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/10	NA	NA	NA	NA	NA	NA	NA	NA	**2 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**35**	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	**4.88**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	11/19/97	NA	<50	<10	**13**	<1.0	<10	**5.5**	**19**	NA	NA	<10	<20	NA	<2.0	<20	150	NA	NA	<10	<10	<20	<10	<20	NA
	04/21/98	NA	NA	NA	**12**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/04	NA	<20	**1.6 J**	**5 J**	<10	<10	<50	**9 J**	NA	NA	**4.9 J**	<50	**36 J**	<1.0	**5.5 J**	<100	NA	NA	<5.0	<50	<400	<500	**2.7 J**	NA
	08/31/05	NA	<6.0	<2.0	<400	NA	NA	<8.0	<80	NA	NA	**13**	<2.0	**110**	<1.0	NA	<8.0	NA	NA	NA	<0.20	<2.0	<40	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NA	<6.0	**2.1**	<100	NA	NA	**4.4**	<20	**1.5**	NA	<2.0	<2.0	<20	<0.20	NA	**3**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/26/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**2.6**	<2.0	**20**	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/28/07	NA	<1.0	**1.1**	**4.1**	NA	NA	**2.1**	<1.0	**1.7**	NA	**2.4**	<1.0	**3.6**	<1.0	NA	**2.8**	NA	NA	NA	<2.0	<1.0	**2**	NA	NA
	08/29/07	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.5	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/11/08	NA	<5.0	<2.0	**11**	NA	NA	**6.3**	<5.0	<10	NA	<5.0	<2.0	**9.1**	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/16/10	NA	NA	<5.0	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/10	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	<2.0	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	11/19/97	NA	<50	**51**	**16**	<1.0	<10	**96**	<10	NA	NA	<10	<20	NA	<2.0	<20	**36**	NA	NA	<10	<10	<20	**90**	**26**	NA
	04/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<40	NA
	11/29/04	NA	<20	**26**	**6.9 J**	<10	<10	**110**	**4.7 J**	NA	NA	<100	<50	**270**	<1.0	<1,000	**28 J**	NA	NA	<5.0	<50	<400	**47 J**	**5.7 J**	NA
	08/31/05	NA	<6.0	**31**	<100	NA	NA	**35**	<20	NA	NA	**2.9**	<2.0	**58**	<1.0	NA	**8.3**	NA	NA	NA	<0.20	<2.0	**12**	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	**8.8**	<100	NA	NA	**34**	<20	<1.0	NA	**4.4**	**3.3**	**100**	<0.20	NA	**7.4**	NA	NA	NA	<0.20	<2.0	**16**	NA	NA
	07/26/06	NA	<6.0	**18**	<500	NA	NA	**75**	<100	<1.0	NA	**18**	<2.0	**300**	<0.20	NA	**25**	NA	NA	NA	<0.20	<2.0	<50	NA	NA
	03/28/07	NA	<1.0	**13**	**13**	NA	NA	**18**	<1.0	<1.0	NA	**5.7**	<1.0	**320**	<1.0	NA	**11**	NA	NA	NA	<2.0	<1.0	**13**	NA	NA
	08/29/07	NA	<6.0	**11**	<100	NA	NA	**84**	<20	<1.0	NA	**2.4**	<2.5	**340**	<0.20	NA	**19**	NA	NA	NA	<0.20	<2.0	**35**	NA	NA
	03/13/08	NA	<5.0	**13**	**13**	NA	NA	**59**	<5.0	<10	NA	**9.7**	<2.0	**420**	<1.0	NA	**14**	NA	NA	NA	<5.0	<2.0	**15**	NA	NA
	03/16/10	NA	NA	**53**	NA	NA	NA	**170**	NA	NA	NA	NA	NA	**280**	NA	NA	**26**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**68**	NA	NA	NA	**220**	NA	NA	NA	NA	NA	**670**	NA	NA	**47**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	**100**	NA	NA	NA	**300**	NA	<5.0	NA	NA	NA	**850**	NA	NA	NA	**68,000**	**1,000,000**	NA	NA	NA	NA	NA	NA
DUP-4	03/14/13	NA	NA	**95**	NA	NA	NA	**200**	NA	<5.0	NA	NA	NA	**830**	NA	NA	NA	**81,000**	**1,200,000**	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	**36**	NA	NA	NA	**130**	NA	<5.0	NA	NA	NA	**110**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000†**	**6†**	**10†**	**1,000†**	**4†**	**5†**	**50†**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15†**	**168[c]**	**2†**	**35[a]**	**100†**	**—**	**—**	**50†**	**100[b]**	**2†**	**50[d]**	**5,000[c]**	**20†**
MW-5D	03/17/08	NA	NA	**7.8**	NA	NA	NA	**200**	NA	NA	NA	NA	NA	**370**	NA	NA	**16**	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NA	NA	**5 J**	NA	NA	NA	**33**	NA	<10	NA	NA	NA	**260**	NA	NA	**4 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**5.8**	NA	NA	NA	**80**	NA	<25	NA	NA	NA	**270**	NA	NA	**4.4**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	NA	NA	NA	NA	**16**	NA	**2.4 J**	NA	NA	NA	**230**	NA	NA	NA	**36,000**	**460,000**	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	<10	NA	NA	NA	**73**	NA	<5.0	NA	NA	NA	**200**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	11/19/97	NA	<50	**15**	**20**	<1.0	<10	**32**	<10	NA	NA	**28**	<20	NA	<2.0	<20	**34**	NA	NA	<10	<10	<20	**28**	**23**	NA
	11/29/04	NA	<20	**14**	**1.5 J**	<10	<10	<50	**4.9 J**	NA	NA	**3 J**	<50	**19 J**	<1.0	<1,000	**6 J**	NA	NA	<5.0	<50	<400	**9.1 J**	**8.9 J**	NA
	08/31/05	NA	<6.0	**9**	<100	NA	NA	<2.0	<20	NA	NA	**3.6**	<2.0	<20	<1.0	NA	**4.4**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	**4.2**	<100	NA	NA	**2.2**	<20	<1.0	NA	<2.0	<2.0	<20	<0.20	NA	**4.8**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/26/06	NA	<6.0	**12**	<100	NA	NA	<2.0	<20	<1.0	NA	**5**	<2.0	<20	<0.20	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/28/07	NA	<1.0	**4.2**	**1.9**	NA	NA	**1.3**	<1.0	<1.0	NA	**2.3**	<1.0	**22**	<1.0	NA	**5.1**	NA	NA	NA	<2.0	<1.0	**3.3**	NA	NA
	08/29/07	NA	<6.0	**7.2**	<100	NA	NA	<2.0	<20	<1.0	NA	**2.2**	<2.5	**55**	<0.20	NA	**6.4**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/12/08	NA	<5.0	**2.3**	**2**	NA	NA	**3.3**	<5.0	<10	NA	<5.0	<2.0	**26**	<1.0	NA	**2.8**	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/15/10	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	**7.6**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	**2.66**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	11/19/97	NA	<50	**42**	**12**	<1.0	<10	**87**	<10	NA	NA	<10	<20	NA	**3.4**	<20	<20	NA	NA	<10	<10	<20	**52**	<20	NA
	04/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.4**	NA	NA	NA	NA	NA	NA	NA	NA	<40	NA
	11/29/04	NA	<20	**22**	**1.9 J**	<10	<10	**14 J**	**7.7 J**	NA	NA	**4.3 J**	<50	**20 J**	**0.63 J**	<1,000	**3.2 J**	NA	NA	<5.0	<50	<400	**20 J**	**11 J**	NA
	08/31/05	NA	<6.0	**10**	<100	NA	NA	**19**	<20	NA	NA	**4.4**	<2.0	<20	**1.1**	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	**18**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NA	<6.0	**5.8**	<100	NA	NA	**39**	<20	**31**	NA	<2.0	<2.0	**35**	**0.94**	NA	**4.5**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/26/06	NA	<6.0	**4.6**	<100	NA	NA	**14**	<20	**14**	NA	**3.2**	<2.0	<20	<0.20	NA	**2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/28/07	NA	<1.0	**3.7**	**1.6**	NA	NA	**18**	<1.0	**39**	NA	**5**	<1.0	**2.9**	<1.0	NA	**3.2**	NA	NA	NA	<2.0	<1.0	**3.2**	NA	NA
	08/29/07	NA	<6.0	**2.6**	<100	NA	NA	**50**	<20	**50**	NA	<2.0	<2.5	<20	**0.33**	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/11/08	NA	<5.0	**3**	**2.3**	NA	NA	**21**	<5.0	**15**	NA	**7.2**	<2.0	<2.0	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**7.0**	NA	NA	NA	**15**	NA	**12**	NA	NA	NA	**0.7 J**	NA	NA	**2 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**4.5**	NA	NA	NA	**16**	NA	**16**	NA	NA	NA	<1.0	NA	NA	**1.0**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	**4.81**	NA	NA	NA	**63**	NA	**71**	NA	NA	NA	NA	NA	NA	NA	**1,600**	**180,000**	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	**29**	NA	NA	NA	**14**	NA	**8.6**	NA	NA	NA	**48**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	11/19/97	NA	<50	<10	**7.4**	<1.0	<10	**17**	<10	NA	NA	**11**	<20	NA	<2.0	<20	<20	NA	NA	<10	<10	<20	**20**	<20	NA
	11/29/04	NA	<20	**5.1**	**7.6 J**	<10	<10	**7.4 J**	**4.2 J**	NA	NA	**9.1 J**	<50	**76**	<1.0	**3.7 J**	**9.3 J**	NA	NA	<5.0	<50	<400	**14 J**	**4.8 J**	NA
	09/01/05	NA	<6.0	**3.5**	<100	NA	NA	**3.2**	<20	NA	NA	**6.6**	<2.0	**72**	<1.0	NA	**7.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	**2.5**	<100	NA	NA	**4.0**	<20	<1.0	NA	**5**	<2.0	**55**	<0.20	NA	**10**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.0	**50**	<0.20	NA	**2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**2.7**	**6.5**	NA	NA	**2.5**	**1.1**	<1.0	NA	**2.5**	<1.0	**340**	<1.0	NA	**6.8**	NA	NA	NA	<2.0	<1.0	**4**	NA	NA
	08/29/07	NA	<6.0	<2.0	<100	NA	NA	**3.0**	<20	<1.0	NA	<2.0	<2.5	**38**	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/13/08	NA	<5.0	<2.0	**7.6**	NA	NA	**7.4**	<5.0	<10	NA	<5.0	<2.0	**350**	<1.0	NA	**5**	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**2 J**	NA	NA	NA	**7.5**	NA	NA	NA	NA	NA	**1,000**	NA	NA	**27**	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**95**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	11/19/97	NA	<50	<10	**8**	<1.0	<10	**8.5**	<10	NA	NA	<10	<20	NA	<2.0	<20	<20	NA	NA	<10	<10	<20	<10	<20	NA
	11/29/04	NA	<20	**1.9 J**	**2.4 J**	<10	<10	<50	<20	NA	NA	<100	<50	**7.5 J**	<1.0	**3.2 J**	<100	NA	NA	**1.7 J**	<50	<400	<500	**1.7 J**	NA
	09/01/05	NA	<6.0	**2.4**	<100	NA	NA	<2.0	<20	NA	NA	**3.4**	<2.0	<20	<1.0	NA	**3.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000[†]**	**6[†]**	**10[†]**	**1,000[†]**	**4[†]**	**5[†]**	**50[†]**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15[†]**	**168[c]**	**2[†]**	**35[a]**	**100[†]**	**—**	**—**	**50[†]**	**100[b]**	**2[†]**	**50[d]**	**5,000[c]**	**20[†]**
MW-9	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cont'd	03/01/06	NA	<6.0	**2.2**	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.0	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**2.2**	<2.0	<20	<0.20	NA	**2.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**3.6**	**2.1**	NA	NA	**1.5**	<1.0	<1.0	NA	**1.8**	<1.0	**12**	<1.0	NA	**4.2**	NA	NA	NA	<2.0	<1.0	**2.5**	NA	NA
	08/29/07	NA	<6.0	**2.6**	<100	NA	NA	**2.1**	<20	<1.0	NA	<2.0	<2.5	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/12/08	NA	<5.0	<2.0	**2**	NA	NA	**3.8**	<5.0	<10	NA	<5.0	<2.0	**4.5**	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**4 J**	NA	NA	NA	**6.9**	NA	NA	NA	NA	NA	**15**	NA	NA	**8.2**	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	<2.0	NA	NA	NA	**4.2**	NA	NA	NA	NA	NA	**16**	NA	NA	**5.9**	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	<20	<10	<10	**3.0**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**9.8**	<1.0	<10	**8.6**	NA	**22,000**	<20	<10	<10	**1.4**	<5.0	**1.8**
	05/18/16	**26**	<10	<10	**5.8**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**180**	<1.0	<10	**7.7**	NA	**47,000**	<20	<10	<10	**2.1**	**10**	**7.1**
	08/16/16	**24**	<10	<10	**4.6**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**57**	<1.0	<10	**5.9**	NA	**79,000**	<20	<10	<10	**2.6**	<5.0	**4.0**
	11/16/16	**20**	<10	<10	**3.0**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**53**	<1.0	<10	**5.6**	NA	**64,000**	<20	<10	<10	**2**	<5.0	**3.1**
	02/22/17	**49**	<10	<10	**2.8**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**11**	<1.0	<10	<5.0	NA	**36,000**	<20	<10	<10	**1.7**	<5.0	**2.6**
	05/01/17	**22**	<10	<10	**3.6**	<1.0	<5.0	<5.0	**6.9**	**5.2**	<5.0	<2.0	<5.0	**7.9**	<1.0	<10	<5.0	NA	**44,000**	<20	<10	<10	**1.7**	<5.0	**7.3[e]**
	08/01/17	**22**	<10	<10	**5.5**	<1.0	<5.0	<5.0	**8.2**	<5.0	<5.0	<2.0	<5.0	**11**	<1.0	<10	<5.0	NA	**91,000**	<20	<10	<10	**1.8**	<5.0	**18.3**
	11/07/17	<20	<5.0	<5.0	**5.1**	<1.0	<5.0	**14**	<5.0	**12**	<5.0	<5.0	<5.0	**12**	<1.0	<5.0	<5.0	NA	**82,000**	<10	<5.0	<5.0	<5.0	**34**	**5.7**
	02/05/18	**34**	<20	<10	**2.7**	<1.0	<5.0	**24**	<5.0	**43**	<5.0	<2.0	<5.0	**7.1**	<1.0	<10	<5.0	NA	**61,000**	<20	<10	<10	**2.5**	<5.0	**NA**
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	**37**	NA	NA	NA	**4.6**	NA	NA	NA	NA	**91,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**6.2**	NA	NA	NA	NA	**74,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**7.2**	NA	NA	NA	NA	**65,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**8.0**	NA	NA	NA	NA	**49,000**	NA	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	NA	NA	NA	**16**	NA	NA	NA	**27**	NA	NA	NA	NA	**43,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	**5.8**	NA	NA	NA	**20**	NA	NA	NA	NA	**37,000**	NA	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	**8.8**	NA	NA	NA	**43**	NA	NA	NA	NA	**36,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**140**	NA	NA	NA	NA	**52,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	**11**	NA	NA	NA	**160**	NA	NA	NA	NA	**38,000**	NA	NA	NA	NA	NA	NA
MW-9I	03/14/13	NA	NA	**7.53**	NA	NA	NA	**4.4 J**	NA	**4.8 J**	NA	NA	NA	**41**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	**96**	<10	<10	**5.6**	<1.0	<5.0	<5.0	**7.8**	<5.0	<5.0	<2.0	<5.0	**25**	<1.0	<10	**18**	NA	**22,000**	<20	<10	<10	**3.4**	<5.0	<1.0
	05/18/16	**120**	<10	<10	**7.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**56**	<1.0	<10	**9.9**	NA	**65,000**	<20	<10	<10	**3.3**	<5.0	**2.1**
	08/16/16	<20	<10	<10	**11**	<1.0	<5.0	<5.0	**6.7**	<5.0	<5.0	<2.0	<5.0	**68**	<1.0	<10	**12**	NA	**40,000**	<20	<10	<10	**1.4**	<5.0	<1.0
	11/16/16	**22**	<10	<10	**12**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**48**	<1.0	<10	**8.1**	NA	**36,000**	<20	<10	<10	**1.8**	<5.0	<1.0
	02/22/17	**58**	<10	<10	**6.1**	<1.0	<5.0	<5.0	<5.0	**5.2**	<5.0	<2.0	<5.0	**31**	<1.0	<10	**15**	NA	**30,000**	<20	<10	<10	**1.5**	**6**	<1.0
	05/01/17	<20	<10	<10	**3.3**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**17**	<1.0	<10	<5.0	NA	**35,000**	<20	<10	<10	<1.0	<5.0	**1.3[e]**
	08/01/17	**71**	<10	<10	**4.0**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**12**	<1.0	<10	<5.0	NA	**62,000**	<20	<10	<10	**1.3**	<5.0	**4.06**
	11/07/17	**150**	<5	**5.2**	**7.7**	<1.0	<5.0	<5.0	<5.0	**8.2**	<5.0	<5.0	<5.0	**21**	<1.0	<5.0	**7.2**	NA	**79,000**	<10	<5.0	<5.0	<5.0	**35**	**2.6**
	02/05/18	**160**	<20	<10	**4.3**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**15**	<1.0	<10	**5.5**	NA	**48,000**	<20	<10	<10	**1.6**	<5.0	NA
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	**9.7**	NA	NA	NA	**16**	NA	NA	NA	NA	**36,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**25**	NA	NA	NA	NA	**42,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**29**	NA	NA	NA	NA	**45,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**18**	NA	NA	NA	NA	**43,000**	NA	NA	NA	NA	NA	NA
	05/13/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**12**	NA	NA	NA	NA	**41,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**50**	NA	NA	NA	NA	**93,000**	NA	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**27**	NA	NA	NA	NA	**42,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**21**	NA	NA	NA	NA	**56,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**160**	NA	NA	NA	NA	**58,000**	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000[†]**	**6[†]**	**10[†]**	**1,000[†]**	**4[†]**	**5[†]**	**50[†]**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15[†]**	**168[c]**	**2[†]**	**35[a]**	**100[†]**	**—**	**—**	**50[†]**	**100[b]**	**2[†]**	**50[d]**	**5,000[c]**	**20[†]**
MW-10	11/19/97	NA	<50	**17**	**12**	<1.0	<10	**9.2**	**38**	NA	NA	**43**	**67**	NA	<2.0	<20	**210**	NA	NA	<10	<10	<20	<10	**20**	NA
	04/21/98	NA	NA	NA	NA	NA	NA	NA	**13**	NA	NA	**49**	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/04	NA	<20	**4.2**	**4.8 J**	<10	<10	<50	**7.3 J**	NA	NA	<10	<50	**62**	<1.0	<1,000	**100**	NA	NA	<5.0	<50	<400	<500	**3.6 J**	NA
	09/01/05	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	NA	NA	**4**	<2.0	**130**	<1.0	NA	**15**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	**2.4**	<100	NA	NA	**3.7**	<20	<1.0	NA	<2.0	<2.0	**49**	<0.20	NA	**4.3**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**2.6**	<2.0	**95**	<0.20	NA	**14**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**5.7**	**6.3**	NA	NA	**1.0**	**1.9**	<1.0	NA	**2**	<1.0	**130**	<1.0	NA	**7**	NA	NA	NA	<2.0	<1.0	<1.0	NA	NA
	08/29/07	NA	<6.0	<2.0	<100	NA	NA	**2.0**	<20	<1.0	NA	<2.0	<2.5	**150**	<0.20	NA	**4.4**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/12/08	NA	<5.0	<2.0	**7.3**	NA	NA	**4.0**	<5.0	**70**	NA	<5.0	<2.0	**34**	<1.0	NA	**6.4**	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**3 J**	NA	NA	NA	**4 J**	NA	<10	NA	NA	NA	**35**	NA	NA	**15**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	<2.0	NA	NA	NA	**1.4**	NA	<5.0	NA	NA	NA	**11**	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**16**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-11	01/11/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/29/04	NA	<20	**1.9 J**	**4.2 J**	<10	<10	<50	<20	NA	NA	<100	<50	**14 J**	<1.0	<1,000	**3.8 J**	NA	NA	<5.0	<50	<400	<500	**4.5 J**	NA
	09/01/05	NA	<6.0	**2.9**	<100	NA	NA	<2.0	<20	NA	NA	**3**	<2.0	**170**	<1.0	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**2**	<2.0	**67**	<0.20	NA	**12**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**3**	<2.0	**59**	<0.20	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**2.3**	**1**	NA	NA	**1.2**	<1.0	<1.0	NA	**2**	<1.0	**13**	<1.0	NA	**3.1**	NA	NA	NA	<2.0	<1.0	**2.4**	NA	NA
	08/29/07	NA	<6.0	**2.9**	<100	NA	NA	<2.0	<20	<1.0	NA	**2.2**	<2.5	<20	<0.20	NA	**2.9**	NA	NA	NA	<0.20	<2.0	**12**	NA	NA
	03/12/08	NA	<5.0	<2.0	**2.1**	NA	NA	**2.8**	<5.0	<10	NA	<5.0	<5.0	<2.0	<1.0	NA	**2.6**	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**3 J**	NA	NA	NA	**3 J**	NA	NA	NA	NA	NA	**7.0**	NA	NA	**2 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	<4.0	NA	NA	NA	**2.3**	NA	NA	NA	NA	NA	**22**	NA	NA	**2.9**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	**1.10**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**6.3**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/17	**27**	<10	<10	**2.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.5**	NA	<10	<5.0	NA	**17,000**	<20	<10	<10	**1.3**	<5.0	<1.0
	05/02/17	<20	<10	<10	**2.5**	<1.0	<5.0	<5.0	**5.2**	<5.0	<5.0	<2.0	<5.0	**11**	<1.0	<10	<5.0	NA	**17,000**	<20	<10	<10	**1.3**	<5.0	**1.1[e]**
	08/01/17	<20	<10	<10	**2.4**	<1.0	<5.0	<5.0	**5.2**	<5.0	<5.0	<2.0	<5.0	**53**	<1.0	<10	<5.0	NA	**14,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/07/17	**23**	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**59**	<1.0	<5.0	**6.0**	NA	**14,000**	<10	<5.0	<5.0	<5.0	**13**	<1.0
	02/05/18	<20	<20	<10	**1.5**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**4.5**	<1.0	<10	<5.0	NA	**20,000**	<20	<10	<10	**1.6**	<5.0	NA
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**42**	NA	NA	NA	NA	**12,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**43**	NA	NA	NA	NA	**12,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**41**	NA	NA	NA	NA	**14,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	**6.1**	NA	NA	NA	**19**	NA	NA	NA	NA	**24,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**96**	NA	NA	NA	NA	**14,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**110**	NA	NA	NA	NA	**40,000**	NA	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**56**	NA	NA	NA	NA	**23,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**220**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**860**	NA	NA	NA	NA	**150,000**	NA	NA	NA	NA	NA	NA
MW-11I	03/14/13	NA	NA	**17**	NA	NA	NA	<5.0	NA	<5.0	NA	NA	NA	**33**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/22/17	**20**	<10	<10	**1.3**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**21**	NA	<10	<5.0	NA	**25,000**	<20	<10	<10	<1.0	<5.0	**1.5**
	05/02/17	<20	<10	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**9.5**	<1.0	<10	<5.0	NA	**15,000**	<20	<10	<10	<1.0	<5.0	<1.0[e]
	08/01/17	<20	<10	<10	**1.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**14**	<1.0	<10	<5.0	NA	**15,000**	<20	<10	<10	<1.0	**6.6**	<1.0
	11/08/17	**26**	<5.0	**7.5**	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**30**	<1.0	<5.0	**12**	NA	**28,000**	<10	<5.0	<5.0	<5.0	**14**	**1.9**
	02/06/18	<20	<20	<10	**1.8**	<1.0	<5.0	<5.0	**6.0**	<5.0	<5.0	<2.0	<5.0	**17**	<1.0	<10	<5.0	NA	**19,000**	<20	<10	<10	<1.0	<5.0	NA
	05/30/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**47**	NA	NA	NA	NA	**42,000**	NA	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**15**	NA	NA	NA	NA	**92,000**	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		1,000†	6†	10†	1,000†	4†	5†	50†	--	21[a]	10,500[a]	1,300[b]	15†	168[c]	2†	35[a]	100†	—	—	50†	100[b]	2†	50[d]	5,000[c]	20†
MW-11I cont'd	11/06/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**20**	NA	NA	NA	NA	**84,000**	NA	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**6.0**	NA	NA	NA	NA	**64,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**22**	NA	NA	NA	NA	**17,000**	NA	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**88**	NA	NA	NA	NA	**16,000**	NA	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**210**	NA	NA	NA	NA	**21,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**88**	NA	NA	NA	NA	**25,000**	NA	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**270**	NA	NA	NA	NA	**28,000**	NA	NA	NA	NA	NA	NA
MW-12	01/10/05	NA	<20	**3.8**	<10	<10	<10	<50	<20	NA	NA	<100	<50	<20	<1.0	<1,000	<100	NA	NA	<5.0	<50	<400	<500	<100	NA
	09/01/05	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	NA	NA	**3.1**	<2.0	**52**	<1.0	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.0	<20	<0.20	NA	<2.0	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	<2.0	<100	NA	NA	<2.0	<20	<1.0	NA	**2.6**	<2.0	**46**	<0.20	NA	**2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**1.2**	**11**	NA	NA	**1.4**	<1.0	<1.0	NA	**1.7**	<1.0	**2.5**	<1.0	NA	**3.7**	NA	NA	NA	<2.0	<1.0	<1.0	NA	NA
	08/29/07	NA	<6.0	**2.1**	<100	NA	NA	<2.0	<20	<1.0	NA	**2**	<2.5	**22**	<0.20	NA	**2.6**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/12/08	NA	<5.0	<2.0	**10**	NA	NA	**4.0**	<5.0	<10	NA	<5.0	<2.0	<2.0	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/18/10	NA	NA	**6.5**	NA	NA	NA	**4 J**	NA	NA	NA	NA	NA	**2 J**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**7.3**	NA	NA	NA	**3.8**	NA	NA	NA	NA	NA	**20**	NA	NA	**2.8**	NA	NA	NA	NA	NA	NA	NA	NA
MW-13	01/10/05	NA	<20	**14**	<10	<10	<10	<50	<20	NA	NA	<100	<50	**28**	<1.0	<1,000	<100	NA	NA	<5.0	<50	<400	<500	<100	NA
	09/01/05	NA	<6.0	**11**	<100	NA	NA	<2.0	<20	NA	NA	**2.9**	<2.0	**130**	<1.0	NA	**2.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	09/05/05	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/28/06	NA	<6.0	**11**	<100	NA	NA	<2.0	<20	<1.0	NA	<2.0	<2.0	**39**	<0.20	NA	**2.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	07/27/06	NA	<6.0	**19**	<100	NA	NA	<2.0	<20	<1.0	NA	**3.8**	<2.0	**22**	<0.20	NA	**2.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/29/07	NA	<1.0	**15**	**1.7**	NA	NA	<1.0	<1.0	<1.0	NA	**1.9**	<1.0	**9.1**	<1.0	NA	**3.2**	NA	NA	NA	<2.0	<1.0	**1.6**	NA	NA
	08/29/07	NA	<6.0	**15**	<100	NA	NA	<2.0	<20	<1.0	NA	**2.4**	<2.5	**24**	<0.20	NA	**3.2**	NA	NA	NA	<0.20	<2.0	<10	NA	NA
	03/12/08	NA	<5.0	**9.2**	**2**	NA	NA	**2.5**	<5.0	<10	NA	<5.0	<2.0	**12**	<1.0	NA	<2.0	NA	NA	NA	<5.0	<2.0	<5.0	NA	NA
	03/17/10	NA	NA	**11**	NA	NA	NA	**4 J**	NA	NA	NA	NA	NA	**1 J**	NA	NA	**2 J**	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	03/17/10	NA	NA	**12**	NA	NA	NA	**6.4**	NA	NA	NA	NA	NA	**2 J**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**16**	NA	NA	NA	**3.9**	NA	NA	NA	NA	NA	**19**	NA	NA	**2.6**	NA	NA	NA	NA	NA	NA	NA	NA
DUP-100	09/15/10	NA	NA	**15**	NA	NA	NA	**4.1**	NA	NA	NA	NA	NA	**18**	NA	NA	**2.8**	NA	NA	NA	NA	NA	NA	NA	NA
	03/14/13	NA	NA	**13**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-2	03/14/13	NA	NA	**14**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	<20	<10	<10	**1.2**	<1.0	<5.0	<5.0	**9.8**	<5.0	<5.0	<2.0	<5.0	**6.2**	<1.0	<10	**5.8**	NA	**12,000**	<20	<10	<10	**1.2**	<5.0	<1.0
	05/19/16	<20	<10	<10	**1.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**43**	<1.0	<10	<5.0	NA	**14,000**	<20	<10	<10	**1.1**	**11**	<1.0
	08/17/16	<20	<10	<10	**1.1**	<1.0	<5.0	<5.0	**6.0**	<5.0	<5.0	<2.0	<5.0	**20**	<1.0	<10	<5.0	NA	**21,000**	<20	<10	<10	**1.4**	**6.1**	**1.7**
	11/17/16	<20	<10	<10	**1.0**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**23**	<1.0	<10	<5.0	NA	**17,000**	<20	<10	<10	**1.2**	<5.0	**1.7**
	02/22/17	**30**	<10	**16**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**2.6**	NA	<10	<5.0	NA	**14,000**	<20	<10	<10	**2.3**	<5.0	<1.0
	05/02/17	**25**	<10	**11**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.5**	<1.0	<10	<5.0	NA	**11,000**	<20	<10	<10	**2.9**	<5.0	<1.0[e]
	08/02/17	<20	<10	<10	<1.0	<1.0	<5.0	<5.0	**5.6**	<0.40	<5.0	<2.0	<5.0	**17**	<1.0	<10	<5.0	NA	**19,000**	<20	<10	<10	**1.5**	<5.0	**1.54**
	11/07/17	<20	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**14**	<1.0	<5.0	**7.8**	NA	**22,000**	<10	<5.0	<5.0	<5.0	**36**	**1.4**
	02/05/18	<20	<20	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**1.2**	<1.0	<10	<5.0	NA	**18,000**	<20	<10	<10	**1.6**	<5.0	NA
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**12**	NA	NA	NA	NA	**25,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**14**	NA	NA	NA	NA	**37,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**97**	NA	NA	NA	NA	**65,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**48**	NA	NA	NA	NA	**52,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**12**	NA	NA	NA	NA	**37,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**13**	NA	NA	NA	NA	**27,000**	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000[†]**	**6[†]**	**10[†]**	**1,000[†]**	**4[†]**	**5[†]**	**50[†]**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15[†]**	**168[c]**	**2[†]**	**35[a]**	**100[†]**	**—**	**—**	**50[†]**	**100[b]**	**2[†]**	**50[d]**	**5,000[c]**	**20[†]**
MW-13 cont'd	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**30**	NA	NA	NA	NA	**24,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**9.1**	NA	NA	NA	NA	**37,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**16**	NA	NA	NA	NA	**42,000**	NA	NA	NA	NA	NA	NA
MW-13D	03/13/08	NA	NA	**35**	NA	NA	NA	**6.2**	NA	NA	NA	NA	NA	**410**	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NA	NA	**43**	NA	NA	NA	**7.3**	NA	NA	NA	NA	NA	**410**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**3.2**	NA	NA	NA	**3.2**	NA	NA	NA	NA	NA	**7.1**	NA	NA	**2.7**	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/13	NA	NA	**8.59**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**330**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	<20	<10	**44**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**180**	<1.0	<10	**7.3**	NA	**29,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/19/16	<20	<10	**38**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**140**	<1.0	<10	<5.0	NA	**31,000**	<20	<10	<10	<1.0	<5.0	<1.0
	08/17/16	<20	<10	**21**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**79**	<1.0	<10	**8.3**	NA	**35,000**	<20	<10	<10	<1.0	**7.2**	<1.0
	11/16/16	<20	<10	**36**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**170**	<1.0	<10	**5.7**	NA	**36,000**	<20	<10	<10	<1.0	<5.0	<1.0
	02/22/17	<20	<10	**40**	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**210**	NA	<10	**5.6**	NA	**26,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/02/17	<20	<10	**38**	**1.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**220**	<1.0	<10	**6.3**	NA	**21,000**	<20	<10	<10	<1.0	<5.0	<1.0[e]
	08/01/17	<20	<10	**34**	**1.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**220**	<1.0	<10	<5.0	NA	**26,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/07/17	<20	<5.0	**30**	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**200**	<1.0	<5.0	**7.4**	NA	**29,000**	<10	<5.0	<5.0	<5.0	**200**	<1.0
	02/05/18	<20	<20	**29**	**1.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**250**	<1.0	<10	**6.1**	NA	**24,000**	<20	<10	<10	<1.0	**5.4**	NA
	05/29/18	NA	NA	NA	NA	NA	NA	NA	NA	**6.2**	NA	NA	NA	**280**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA
	08/22/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**250**	NA	NA	NA	NA	**32,000**	NA	NA	NA	NA	NA	NA
	11/05/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**460**	NA	NA	NA	NA	**42,000**	NA	NA	NA	NA	NA	NA
	02/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**190**	NA	NA	NA	NA	**61,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**190**	NA	NA	NA	NA	**39,000**	NA	NA	NA	NA	NA	NA
	08/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**210**	NA	NA	NA	NA	**39,000**	NA	NA	NA	NA	NA	NA
	11/05/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**230**	NA	NA	NA	NA	**32,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**110**	NA	NA	NA	NA	**55,000**	NA	NA	NA	NA	NA	NA
	06/08/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**82**	NA	NA	NA	NA	**60,000**	NA	NA	NA	NA	NA	NA
MW-13I	03/14/13	NA	NA	<1.00	NA	NA	NA	<5.0	NA	**1.6 J**	NA	NA	NA	**47**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	<20	<10	<10	**1.6**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**30**	<1.0	<10	**5.3**	NA	**29,000**	<20	<10	<10	<1.0	<5.0	**1.6**
	05/19/16	<20	<10	<10	**1.4**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**57**	<1.0	<10	**6.9**	NA	**30,000**	<20	<10	<10	<1.0	<5.0	**1.6**
	08/17/16	**22**	<10	<10	**1.7**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**60**	<1.0	<10	<5.0	NA	**34,000**	<20	<10	<10	<1.0	**5.1**	**2.4**
	11/17/16	<20	<10	<10	**1.9**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**61**	<1.0	<10	<5.0	NA	**32,000**	<20	<10	<10	<1.0	<5.0	**3.8**
	02/22/17	<20	<10	<10	**1.5**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**38**	NA	<10	<5.0	NA	**23,000**	<20	<10	<10	<1.0	<5.0	**3**
	05/02/17	<20	<10	<10	**1.4**	<1.0	<5.0	<5.0	**6.8**	<5.0	<5.0	<2.0	<5.0	**34**	<1.0	<10	<5.0	NA	**18,000**	<20	<10	<10	<1.0	<5.0	**2.6[e]**
	08/02/17	<20	<10	<10	**1.3**	<1.0	<5.0	<5.0	**5.1**	<0.40	<5.0	<2.0	<5.0	**48**	<1.0	<10	<5.0	NA	**27,000**	<20	<10	<10	<1.0	<5.0	**1.59**
	11/08/17	<20	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**57**	<1.0	<5.0	**5.1**	NA	**28,000**	<10	<5.0	<5.0	<5.0	**13**	**1.5**
	02/06/18	<20	<20	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**20**	<1.0	<10	<5.0	NA	**21,000**	<20	<10	<10	<1.0	<5.0	NA
	05/30/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**200**	NA	NA	NA	NA	**59,000**	NA	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**120**	NA	NA	NA	NA	**78,000**	NA	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**81**	NA	NA	NA	NA	**83,000**	NA	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**32**	NA	NA	NA	NA	**70,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**47**	NA	NA	NA	NA	**41,000**	NA	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**34**	NA	NA	NA	NA	**37,000**	NA	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**64**	NA	NA	NA	NA	**27,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**47**	NA	NA	NA	NA	**34,000**	NA	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**78**	NA	NA	NA	NA	**48,000**	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000†**	**6†**	**10†**	**1,000†**	**4†**	**5†**	**50†**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15†**	**168[c]**	**2†**	**35[a]**	**100†**	**—**	**—**	**50†**	**100[b]**	**2†**	**50[d]**	**5,000[c]**	**20†**
MW-14	03/14/08	NA	NA	<5.0	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	<2.0	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NA	NA	**3 J**	NA	NA	NA	**10**	NA	NA	NA	NA	NA	**13**	NA	NA	**40**	NA	NA	NA	NA	NA	NA	NA	NA
	09/16/10	NA	NA	<2.0	NA	NA	NA	**5.4**	NA	NA	NA	NA	NA	**6.5**	NA	NA	**35**	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3,500**	**59,000**	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	<10	NA	NA	NA	<5.0	NA	<5.0	NA	NA	NA	**28**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15	03/17/08	NA	NA	**140**	NA	NA	NA	**12**	NA	NA	NA	NA	NA	<2.0	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	3/16/10[f]	NA	NA	**130**	NA	NA	NA	**18**	NA	**7 J**	NA	NA	NA	**6.1**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	03/19/10	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**100**	NA	NA	NA	**6.2**	NA	<5.0	NA	NA	NA	<1.0	NA	NA	**1.8**	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	**64**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	NA	NA	**76**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-15D	03/17/08	NA	NA	**36**	NA	NA	NA	**6**	NA	NA	NA	NA	NA	**570**	NA	NA	**8**	NA	NA	NA	NA	NA	NA	NA	NA
	03/16/10	NA	NA	**35**	NA	NA	NA	**4 J**	NA	<10	NA	NA	NA	**830**	NA	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**22**	NA	NA	NA	**28**	NA	<5.0	NA	NA	NA	**950**	NA	NA	**9.1**	NA	NA	NA	NA	NA	NA	NA	NA
	03/15/13	NA	NA	<1.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	**490**	NA	NA	**19**	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	03/14/08	NA	NA	<5.0	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	**2.3**	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NA	NA	**7.1**	NA	NA	NA	**5.9**	NA	<10	NA	NA	NA	**10**	NA	NA	**4 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**4.0**	NA	NA	NA	**1.5**	NA	<5.0	NA	NA	NA	**3.0**	NA	NA	**1.2**	NA	NA	NA	NA	NA	NA	NA	NA
MW-16D	03/18/08	NA	NA	**15**	NA	NA	NA	**11**	NA	NA	NA	NA	NA	**610**	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NA	NA	**20**	NA	NA	NA	**14**	NA	NA	NA	NA	NA	**390**	NA	NA	**7.2**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**23**	NA	NA	NA	**13**	NA	NA	NA	NA	NA	**270**	NA	NA	**5.7**	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/13	NA	NA	**1.16**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**9.5**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-17	03/14/08	NA	NA	<5.0	NA	NA	NA	**8.6**	NA	NA	NA	NA	NA	**39**	NA	NA	**37**	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NA	NA	**10**	NA	NA	NA	**7.3**	NA	NA	NA	NA	NA	**24**	NA	NA	**18**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**5.5**	NA	NA	NA	**9.3**	NA	NA	NA	NA	NA	**21**	NA	NA	**6.6**	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	NA	NA	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	03/14/08	NA	NA	<5.0	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	**10**	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NA	NA	**3 J**	NA	NA	NA	**5.2**	NA	NA	NA	NA	NA	**3.9**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	<2.0	NA	NA	NA	**57**	NA	NA	NA	NA	NA	**15**	NA	NA	**4.2**	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/13	NA	NA	NA	NA	NA	NA	<5.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-19	03/14/08	NA	NA	<5.0	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	<2.0	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NA	NA	**4 J**	NA	NA	NA	**6.7**	NA	NA	NA	NA	NA	**31**	NA	NA	**7.0**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	<2.0	NA	NA	NA	**7.2**	NA	NA	NA	NA	NA	**10**	NA	NA	**5.2**	NA	NA	NA	NA	NA	NA	NA	NA
MW-20	03/18/08	NA	NA	<5.0	NA	NA	NA	**5.5**	NA	NA	NA	NA	NA	<2.0	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/18/10	NA	NA	**0.6 J**	NA	NA	NA	**5 J**	NA	<10	NA	NA	NA	**8.2**	NA	NA	**3 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	<2.0	NA	NA	NA	**6.9**	NA	<5.0	NA	NA	NA	**14**	NA	NA	**11**	NA	NA	NA	NA	NA	NA	NA	NA
MW-20D	03/18/08	NA	NA	**35**	NA	NA	NA	**14**	NA	NA	NA	NA	NA	**38**	NA	NA	**21**	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NA	NA	**42**	NA	NA	NA	**9.3**	NA	<10	NA	NA	NA	**37**	NA	NA	**9.8**	NA	NA	NA	NA	NA	NA	NA	NA
DUP-3	03/17/10	NA	NA	**42**	NA	NA	NA	**10**	NA	NA	NA	NA	NA	**36**	NA	NA	**10**	NA	NA	NA	NA	NA	NA	NA	NA
	09/14/10	NA	NA	**29**	NA	NA	NA	**3.9**	NA	<5.0	NA	NA	NA	**22**	NA	NA	**8.1**	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	09/14/10	NA	NA	**30**	NA	NA	NA	**2.9**	NA	<5.0	NA	NA	NA	**19**	NA	NA	**7.9**	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/13	NA	NA	**36**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**23**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-1	03/13/13	NA	NA	**38**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**23**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/04/17	NA	NA	**40**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000[†]**	**6[†]**	**10[†]**	**1,000[†]**	**4[†]**	**5[†]**	**50[†]**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15[†]**	**168[c]**	**2[†]**	**35[a]**	**100[†]**	**—**	**—**	**50[†]**	**100[b]**	**2[†]**	**50[d]**	**5,000[c]**	**20[†]**
MW-21D	03/18/08	NA	NA	<5.0	NA	NA	NA	**21**	NA	NA	NA	NA	NA	**260**	NA	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA
	03/17/10	NA	NA	**17**	NA	NA	NA	**33**	NA	<10	NA	NA	NA	**200**	NA	NA	**4 J**	NA	NA	NA	NA	NA	NA	NA	NA
	09/15/10	NA	NA	**4.3**	NA	NA	NA	**29**	NA	<5.0	NA	NA	NA	**95**	NA	NA	**6.2**	NA	NA	NA	NA	NA	NA	NA	NA
	03/13/13	NA	NA	**11.7**	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	**170**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DUP-3	03/13/13	NA	NA	**13.9**	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	**170**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/03/17	NA	NA	<10	NA	NA	NA	<5.0	NA	NA	NA	NA	NA	**120**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-22I	03/13/13	NA	NA	**2.04**	NA	NA	NA	<5.0	NA	**1.9 J**	NA	NA	NA	**80**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/23/16	**32**	<10	<10	**2.5**	<1.0	<5.0	<5.0	**5.2**	<5.0	<5.0	<2.0	<5.0	**85**	<1.0	<10	**9**	NA	**22,000**	<20	<10	<10	<1.0	<5.0	**2.1**
	05/19/16	<20	<10	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**41**	<1.0	<10	<5.0	NA	**25,000**	<20	<10	<10	<1.0	<5.0	**2.4**
	08/17/16	**68**	<10	<10	1.0	<1.0	<5.0	<5.0	**7.3**	<5.0	<5.0	<2.0	<5.0	**680**	<1.0	<10	<5.0	NA	**25,000**	<20	<10	<10	<1.0	**10**	**2.4**
	11/17/16	**46**	<10	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	**2.0**	<5.0	**460**	<1.0	<10	<5.0	NA	**23,000**	<20	<10	<10	<1.0	<5.0	**1.9**
	02/22/17	**190**	<10	<10	**1.7**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**590**	NA	<10	**5.3**	NA	**20,000**	<20	<10	<10	**1.3**	<5.0	**1.9**
	05/02/17	**27**	<10	<10	<1.0	<1.0	<5.0	<5.0	**5.8**	<5.0	<5.0	<2.0	<5.0	**260**	<1.0	<10	<5.0	NA	**19,000**	<20	<10	<10	<1.0	<5.0	**2.3[13]**
	08/01/17	<20	<10	<10	<1.0	<1.0	<5.0	<5.0	**7.1**	<5.0	<5.0	<2.0	<5.0	**360**	<1.0	<10	<5.0	NA	**29,000**	<20	<10	<10	<1.0	**5.4**	**3.05**
	11/08/17	<20	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**330**	<1.0	<5.0	<5.0	NA	**28,000**	<10	<5.0	<5.0	<5.0	**12**	**3.1**
	02/06/18	<20	<20	<10	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**240**	<1.0	<10	<5.0	NA	**22,000**	<20	<10	<10	<1.0	<5.0	NA
	05/30/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**250**	NA	NA	NA	NA	**26,000**	NA	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**290**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**280**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**200**	NA	NA	NA	NA	**31,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**160**	NA	NA	NA	NA	**20,000**	NA	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**220**	NA	NA	NA	NA	**21,000**	NA	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**230**	NA	NA	NA	NA	**23,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**120**	NA	NA	NA	NA	**30,000**	NA	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**120**	NA	NA	NA	NA	**25,000**	NA	NA	NA	NA	NA	NA
MW-23	03/13/13	NA	NA	**4.92**	NA	NA	NA	<5.0	NA	**2.7 J**	NA	NA	NA	**72**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	**110**	<10	<10	**15**	<1.0	<5.0	<5.0	**7.1**	<5.0	<5.0	<2.0	<5.0	**61**	<1.0	<10	**8.8**	NA	**42,000**	<20	<10	<10	**5.4**	<5.0	<1.0
	05/18/16	<20	<10	<10	**3.1**	<1.0	<5.0	<5.0	**5.0**	<5.0	<5.0	<2.0	<5.0	**64**	<1.0	<10	<5.0	NA	**21,000**	<20	<10	<10	<1.0	**11**	<1.0
	08/16/16	**38**	<10	<10	**3.8**	<1.0	<5.0	<5.0	**5.7**	<5.0	<5.0	<2.0	**5.5**	**85**	<1.0	<10	**5.4**	NA	**25,000**	<20	<10	<10	<1.0	**8.0**	<1.0
	11/16/16	**110**	<10	<10	**5.9**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**44**	<1.0	<10	<5.0	NA	**34,000**	<20	<10	<10	**2.1**	<5.0	<1.0
	02/22/17	**24**	<10	<10	**4.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**23**	<1.0	<10	<5.0	NA	**23,000**	<20	<10	<10	**1.7**	<5.0	<1.0
	05/01/17	**37**	<10	<10	**2.6**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**29**	<1.0	<10	<5.0	NA	**15,000**	<20	<10	<10	**1.1**	<5.0	<1.0[13]
	08/02/17	<20	<10	<10	**3.8**	<1.0	<5.0	<5.0	**5.5**	**0.43**	<5.0	<2.0	<5.0	**180**	<1.0	<10	<5.0	NA	**19,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/08/17	<20	<5.0	<5.0	**6.0**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**110**	<1.0	<5.0	**9.6**	NA	**29,000**	<10	<5.0	<5.0	<5.0	**18**	<1.0
	02/06/18	<20	<20	<10	**7.1**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**92**	<1.0	<10	<5.0	NA	**29,000**	<20	<10	<10	**1.8**	<5.0	NA
	05/30/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**130**	NA	NA	NA	NA	**27,000**	NA	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	NA	NA	NA	**5.8**	NA	NA	NA	**130**	NA	NA	NA	NA	**57,000**	NA	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**120**	NA	NA	NA	NA	**32,000**	NA	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**49**	NA	NA	NA	NA	**32,000**	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	**7.3**	NA	NA	NA	**100**	NA	NA	NA	NA	**20,000**	NA	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**87**	NA	NA	NA	NA	**25,000**	NA	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**78**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**37**	NA	NA	NA	NA	**41,000**	NA	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**55**	NA	NA	NA	NA	**33,000**	NA	NA	NA	NA	NA	NA
MW-23I	03/14/13	NA	NA	**13**	NA	NA	NA	<5.0	NA	<5.0	NA	NA	NA	**130**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	02/24/16	<20	<10	<10	**12**	<1.0	<5.0	<5.0	**10**	<5.0	<5.0	<2.0	<5.0	**170**	<1.0	<10	**7.4**	NA	**21,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/18/16	<20	<10	**12**	**14**	<1.0	<5.0	<5.0	**6.6**	<5.0	<5.0	<2.0	<5.0	**170**	<1.0	<10	**7.0**	NA	**22,000**	<20	<10	<10	<1.0	<5.0	<1.0

Table 1-6
Historical Dissolved Metals* Analytical Results**
Evergreen Pulp Incorporated, Samoa, California
(in ug/L)

Sample Location	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Hexavalent Chromium	Trivalent Chromium	Copper	Lead	Mangan-ese	Mercury	Molyb-denum	Nickel	Total Potassium	Total Sodium	Selenium	Silver	Thallium	Vanadium	Zinc	Uranium
Water Quality Objective		**1,000†**	**6†**	**10†**	**1,000†**	**4†**	**5†**	**50†**	**--**	**21[a]**	**10,500[a]**	**1,300[b]**	**15†**	**168[c]**	**2†**	**35[a]**	**100†**	**—**	**—**	**50†**	**100[b]**	**2†**	**50[d]**	**5,000[c]**	**20†**
MW-23I cont'd	08/16/16	<20	<10	<10	**12**	<1.0	<5.0	<5.0	**6.9**	<5.0	<5.0	<2.0	<5.0	**160**	<1.0	<10	**8.1**	NA	**23,000**	<20	<10	<10	<1.0	**6.1**	<1.0
	11/16/16	<20	<10	<10	**13**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**150**	<1.0	<10	**7.8**	NA	**24,000**	<20	<10	<10	<1.0	<5.0	<1.0
	02/22/17	**21**	<10	<10	**9.4**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**140**	<1.0	<10	**7.4**	NA	**22,000**	<20	<10	<10	<1.0	<5.0	<1.0
	05/01/17	<20	<10	<10	**9.5**	<1.0	<5.0	<5.0	**5.6**	<5.0	<5.0	<2.0	<5.0	**130**	<1.0	<10	**9.3**	NA	**22,000**	<20	<10	<10	<1.0	<5.0	<1.0[13]
	08/02/17	<20	<10	**11**	**9.6**	<1.0	<5.0	<5.0	**5.0**	<0.40	<5.0	<2.0	<5.0	**130**	<1.0	<10	<5.0	NA	**26,000**	<20	<10	<10	<1.0	<5.0	<1.0
	11/08/17	<20	<5.0	**5.8**	**9.7**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**120**	<1.0	<5.0	**9.2**	NA	**26,000**	<10	<5.0	<5.0	<5.0	<10	<1.0
	02/06/18	<20	<20	<10	**9.2**	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<5.0	**130**	<1.0	<10	**6.6**	NA	**26,000**	<20	<10	<10	<1.0	<5.0	NA
	05/30/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**110**	NA	NA	NA	NA	**75,000**	NA	NA	NA	NA	NA	NA	NA
	08/23/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**100**	NA	NA	NA	NA	**43,000**	NA	NA	NA	NA	NA	NA	NA
	11/06/18	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**99**	NA	NA	NA	NA	**36,000**	NA	NA	NA	NA	NA	NA	NA
	02/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**100**	NA	NA	NA	NA	**34,000**	NA	NA	NA	NA	NA	NA	NA
	05/14/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**120**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA	NA
	08/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**130**	NA	NA	NA	NA	**32,000**	NA	NA	NA	NA	NA	NA	NA
	11/06/19	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**160**	NA	NA	NA	NA	**29,000**	NA	NA	NA	NA	NA	NA	NA
	02/05/20	NA	NA	NA	NA	NA	NA	NA	NA	<10	NA	NA	NA	**250**	NA	NA	NA	NA	**52,000**	NA	NA	NA	NA	NA	NA	NA
	06/09/20	NA	NA	NA	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**620**	NA	NA	NA	NA	**86,000**	NA	NA	NA	NA	NA	NA	NA

Table 1-7
Historical Groundwater Analytical Results-Dioxin and Furan Compounds
Former Louisiana-Pacific Pulp Mill, Samoa, California
(in pg/L)

Constituent	11/13/2013[a]	July 10 & 11, 2014							1/26/2015					
	7174-C13,C16,C19[b]	MW-5	MW-5D	MW-6	MW-8	MW-14	MW-17	MH-5	MW-1	MW-2	MW-4	MW-7	MW-15	MW-21D
2,3,7,8-TCDD	**8.24 J**	<2.54	<0.178	<0.429	<0.835	<0.520	<0.448	<0.504	<0.631	<0.509	<0.684	<0.774	<0.700	<0.644
1,2,3,7,8-PeCDD	**9.16 J**	<5.33	<1.30	<0.602	<1.26	<0.741	<0.520	<0.491	<1.07	<0.946	<1.27	<0.804	<1.15	<1.18
1,2,3,4,7,8-HxCDD	<5.86	<4.29	<1.20	<0.928	<1.51	<0.957	<0.787	<0.748	<1.08	<1.12	<1.86	<1.27	<2.92	<1.55
1,2,3,6,7,8-HxCDD	**263**	**68.8**	<1.28	<0.953	<1.52	<0.960	<0.821	<0.776	<1.19	<1.25	<1.85	<1.39	<3.16	<1.79
1,2,3,7,8,9-HxCDD	**128**	**29.7**	<1.15	<0.872	<1.42	<0.888	<0.745	<0.706	<1.03	<1.08	<1.69	<1.21	<2.77	<1.52
1,2,3,4,6,7,8-HpCDD	**320**	**100**	<1.76	<1.56	**13.6 J**	<1.70	<1.48	<1.63	<1.32	<1.09	<1.63	<1.45	<3.02	<2.00
OCDD	**684**	**496**	**5.63 J**	**4.93 J**	**113**	<2.59	<2.79	**6.33 J**	<2.16	<2.52	<3.61	<2.63	<6.51	<3.95
2,3,7,8-TCDF	**1460**	**2.96 J**	<0.699	<0.429	<0.579	<0.985	<0.440	<0.408	<0.550	<0.549	<0.493	<0.486	<1.09	<0.629
1,2,3,7,8-PeCDF	**84.4**	<2.15	<1.26	<0.602	<0.563	<0.757	<0.734	<0.727	<0.740	<0.701	<0.737	<0.565	<1.19	<1.22
2,3,4,7,8-PeCDF	**71.6**	<2.44	<1.43	<0.608	<0.636	<0.804	<0.756	<0.741	<0.765	<0.726	<0.763	<0.573	<1.17	<1.30
1,2,3,4,7,8-HxCDF	**15.7 J**	**3.05 J**	<0.734	<0.682	<0.964	<0.958	<0.725	<0.769	<0.638	<0.566	<0.679	<0.546	<0.668	<0.719
1,2,3,6,7,8-HxCDF	<8.15	**3.39 J**	<0.757	<0.733	<0.982	<1.02	<0.766	<0.832	<0.565	<0.562	<0.662	<0.518	<0.654	<0.710
2,3,4,6,7,8-HxCDF	<7.96	**5.14 J**	<0.907	<0.738	<1.13	<1.10	<0.824	<0.885	<0.651	<0.591	<0.693	<0.574	<0.670	<0.718
1,2,3,7,8,9-HxCDF	<10.3	**4.54 J**	<1.11	<0.876	<1.55	<1.28	<0.999	<1.05	<0.745	<0.733	<0.827	<0.707	<0.790	<0.869
1,2,3,4,6,7,8-HpCDF	**7.44 M**	**5.74 J**	<0.890	<0.745	<1.75	<1.19	<0.558	<0.642	<0.736	<0.915	<0.921	<0.494	<0.987	<0.760
1,2,3,4,7,8,9-HpCDF	<9.34	<2.73	<1.36	<1.04	<0.804	<1.66	<0.764	<0.858	<0.912	<1.12	<1.07	<0.582	<1.22	<0.970
OCDF	**11.2**	<5.56	<1.76	<1.04	<2.40	<1.08	<0.936	<0.827	<1.54	<1.21	<1.93	<1.17	<2.21	<1.51
Total TCDD	**8.24**	<2.54	<0.178	<0.429	<0.835	<0.520	<0.448	<0.504	<0.631	<0.509	<0.684	<0.774	<0.700	<0.644
Total PeCDD	**43.2**	**26.6**	<1.30	<0.602	<1.26	<0.741	<0.520	<0.491	<1.07	<0.946	<1.27	<0.804	<1.15	<1.18
Total HxCDD	**1750**	**491**	<1.28	<0.953	**5.50 J**	<0.960	<0.821	<0.776	<1.19	<1.25	<1.86	<1.39	<3.16	<1.79
Total HpCDD	**577**	**228**	<1.76	<1.56	**26.7**	<1.70	<1.48	<1.63	<1.32	<1.09	<1.63	<1.45	<3.02	<2.00
Total TCDF	**2930**	**17.3**	<0.699	<0.429	**1.58 J**	<0.985	<0.440	<0.408	<0.550	<0.549	<0.493	<0.486	<1.09	<0.629
Total PeCDF	**281**	**12.3 J**	<1.43	<0.608	**4.12 J, M**	**7.04 J**	<0.756	<0.741	<0.765	<0.726	<0.763	<0.573	<1.19	<1.30
Total HxCDF	**29.2**	**39.8**	<1.11	<0.876	**5.96 D, J, M**	**6.75 J**	<0.999	<1.05	<0.745	<0.733	<0.827	<0.707	<0.790	<0.869
Total HpCDF	**17.6 M**	**13.1 J**	<1.36	<1.04	<1.75	<1.66	<0.764	<0.858	<0.912	<1.12	<1.07	<0.582	<1.22	<0.970
2005 WHO TEQ	**231.56**	**13.0**	**0.00169**	**0.00148**	**0.170**	**0.00**	**0.00**	**0.00190**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
WQO[c]	**30**													

Table 1-8 Historical Soil Analytical Results-Dioxin and Furan Compounds Former Louisiana-Pacific Pulp Mill, Samoa, California (in pg/g)				
Constituent	11/13/2013[a]		1/26/2015	
	7174-C16,C19 comp	7174-C9-11-13 comp	BLP-1	BLP-2
2,3,7,8-TCDD	<0.213	<0.615	<0.148	<0.155
1,2,3,7,8-PeCDD	<0.391	<0.759	<0.252	<0.370
1,2,3,4,7,8-HxCDD	<0.265	<0.624	<0.215	<0.258
1,2,3,6,7,8-HxCDD	**5.67**	**5.05**	**0.905 J**	**3.48 J**
1,2,3,7,8,9-HxCDD	**2.77J**	**3.17J**	**0.521 J**	**1.72 J**
1,2,3,4,6,7,8-HpCDD	**14.4**	**34.9**	**4.65 J**	**3.45 J**
OCDD	**104**	**233**	**26.1**	**7.89 J**
2,3,7,8-TCDF	**6.59**	**0.912J**	<0.130	<0.134
1,2,3,7,8-PeCDF	0.427	<0.505	<0.158	<0.188
2,3,4,7,8-PeCDF	<0.252	<0.471	<0.153	<0.198
1,2,3,4,7,8-HxCDF	<0.205	<0.523	<0.269	<0.239
1,2,3,6,7,8-HxCDF	<0.220	<0.519	<0.267	<0.237
2,3,4,6,7,8-HxCDF	<0.220	<0.536	<0.298	<0.279
1,2,3,7,8,9-HxCDF	<0.281	<0.725	<0.351	<0.348
1,2,3,4,6,7,8-HpCDF	**0.595J**	**3.11J**	<0.398	<0.285
1,2,3,4,7,8,9-HpCDF	<0.217	<0.569	<0.380	<0.306
OCDF	**1.37J**	**9.06J**	<0.581	<0.714
Total TCDD	<0.213	**2.15**	<0.148	<0.155
Total PeCDD	<0.391	**3.94**	<0.252	<0.370
Total HxCDD	**35.5**	**42.9**	**6.24**	**21.4**
Total HpCDD	**27.8**	**62.5**	**8.95**	**6.76**
Total TCDF	**10.2**	**0.912**	<0.130	<0.134
Total PeCDF	<0.427	<0.899	<0.158	<0.198
Total HxCDF	<0.853	**2.23**	<0.351	<0.348
Total HpCDF	**0.595**	**8.64**	<0.398	<0.306
2005 WHO TEQ	**1.68**	**1.37**	**0.197**	**0.557**
CHHSL	19			

Table 1-9
Historical Soil Dioxins/Furans Analytical Results, June 2019*
Evergreen Pulp Mill Incorporated, Samoa, California
(in pg/g)

Sample ID		SB1-1	SB1-5	SB1-8	SB2-1	SB2-5	SB2-8	SB3-1	SB3-5	SB3-8	SB4-1	SB4-5	SB4-8	SB4-8A (Duplicate of SB4-8)	SB5-1	SB5-5
Sample Date		6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/26/2019	6/26/2019	6/26/2019	6/26/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)		0-0-5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5	5	8	8	0-0-5	5
Analyte	Screening Level															
2,3,7,8-TCDD	**4.8**	<0.366	<0.493	<0.458	<0.421	<0.425	<0.366	<0.487	<0.482	<0.423	<0.363	<0.468	<0.444	<0.339	<0.418	<0.454
12378-PeCDD	--	<0.506	<0.584	<0.737	<0.601	<0.428	<0.345	<0.417	<0.660	<0.592	<0.492	<0.568	<0.594	<0.577	<0.517	<0.628
123478-HxCDD	--	<0.834	<0.961	<1.15	<0.787	<0.631	<0.512	<0.770	<1.25	<1.01	<0.956	<1.02	<0.924	<0.850	<0.782	<0.775
123678-HxCDD	--	<0.939	<0.918	<1.18	<0.796	<0.695	<0.564	<0.759	<1.36	<1.10	<0.909	<1.12	<0.978	<0.892	3.59	<0.868
123789-HxCDD	--	<0.868	<0.921	<1.14	<0.776	<0.649	<0.527	<0.750	<1.28	<1.03	<0.914	<1.05	<0.931	<0.853	3.00	<0.804
1234678-HpCDD	--	30.1	<1.21	<1.68	<1.20	<0.970	<0.834	22.2	<1.23	<1.00	14.1	<1.61	9.00	7.34	12.7	10.2
OCDD	--	155 J	62.8	<3.51	<3.27	<1.89	<1.76	189	40.4	52.5	114	117	49.4	39.4	48.7	43.1
2,3,7,8-TCDF	--	<0.31	<0.296	<0.322	<0.293	<0.253	<0.331	<0.317	<0.381	<0.345	<0.235	<0.363	<0.309	<0.263	<0.342	<0.361
12378-PeCDF	--	<0.424	<0.385	<0.391	<0.319	<0.290	<0.328	<0.302	<0.421	<0.364	<0.273	<0.538	<0.382	<0.377	<0.491	<0.568
23478-PeCDF	--	<0.367	<0.303	<0.350	<0.265	<0.245	<0.258	<0.249	<0.345	<0.304	<0.223	<0.419	<0.312	<0.327	<0.378	<0.450
123478-HxCDF	--	<0.495	<0.375	<0.535	<0.343	<0.354	<0.395	<0.381	<0.564	<0.443	<0.325	<0.559	<0.557	<0.494	<0.520	<0.674
123678-HxCDF	--	<0.433	<0.365	<0.527	<0.335	<0.307	<0.405	<0.389	<0.503	<0.416	<0.342	<0.572	<0.505	<0.445	<0.511	<0.570
234678-HxCDF	--	<0.555	<0.387	<0.556	<0.356	<0.354	<0.434	<0.390	<0.579	<0.432	<0.336	<0.622	<0.585	<0.518	<0.561	<0.700
123789-HxCDF	--	<0.679	<0.591	<0.766	<0.513	<0.454	<0.551	<0.570	<0.734	<0.545	<0.487	<0.760	<0.825	<0.748	<0.793	<0.865
1234678-HpCDF	--	<0.677	<0.442	<0.703	<0.462	<0.372	<0.372	<0.439	<0.653	<0.417	<0.423	<0.587	<0.790	<0.562	<0.731	<0.936
1234789-HpCDF	--	<0.895	<0.576	<0.810	<0.629	<0.545	<0.526	<0.600	<1.03	<0.620	<0.618	<0.919	<1.11	<0.855	<1.01	<1.43
OCDF	--	<3.32	<2.19	<3.10	<2.79	<1.61	<1.64	<2.36	<2.01	<2.02	<1.96	<3.09	<1.44	<2.74	<2.74	<2.70
Total TCDD	--	<0.366	<0.493	<0.458	<0.421	<0.425	<0.366	<0.487	<0.482	<0.423	<0.363	<0.468	<0.444	<0.339	<0.418	<0.454
Total PeCDD	--	<0.506	<0.584	<0.737	<0.601	<0.428	<0.345	<0.417	<0.660	<0.592	<0.492	<0.568	<0.594	<0.577	<0.517	<0.628
Total HxCDD	--	<0.939	<0.961	<1.18	<0.796	<0.695	<0.564	<0.770	<1.36	<1.10	<0.956	<1.12	6.47	<0.892	22.2	9.86
Total HpCDD	--	53.2	<1.21	<1.68	<1.20	<0.970	<0.834	41.7	<1.23	<1.00	27.0	<1.61	16.4	12.9	21.9	17.8
Total TCDF	--	<0.31	<0.296	<0.322	<0.293	<0.253	<0.331	<0.317	<0.381	<0.345	<0.235	<0.363	<0.309	<0.263	<0.342	<0.361
Total PeCDF	--	<0.424	<0.385	<0.391	<0.319	<0.290	<0.328	<0.302	<0.421	<0.364	<0.273	<0.538	<0.382	<0.377	<0.491	<0.568
Total HxCDF	--	<0.679	<0.591	<0.766	<0.513	<0.454	<0.551	<0.570	<0.734	<0.545	<0.487	<0.760	<0.825	<0.748	<0.793	<0.865
Total HpCDF	--	<0.895	<0.591	<0.810	<0.629	<0.545	<0.526	<0.600	<1.03	<0.620	<0.618	<0.919	<1.11	<0.855	<1.01	<1.43
TCDD TEQ	**50/220**	**0.348**	**0.0188**	0	0	0	0	**0.279**	**0.0121**	**0.0158**	**0.0175**	**0.0351**	**0.105**	**0.0852**	**0.801**	**0.115**

Table 1-9
Historical Soil Dioxins/Furans Analytical Results, June 2019*
Evergreen Pulp Mill Incorporated, Samoa, California
(in pg/g)

Sample ID		SB5-8	SB6-1	SB6-5	SB6-8	SB7-1	SB7-5	SB7-5A (Duplicate of SB7-5)	SB7-8	SB8-1	SB8-5	SB8-8	SB9-1	SB9-5	SB9-8	SB10-1
Sample Date		6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)		8	0-0-5	5	8	0-0-5	5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5
Analyte	Screening Level															
2,3,7,8-TCDD	**4.8**	<0.329	<0.360	<0.364	<0.465	<0.468	<0.467	<0.263	<0.442	<0.380	<0.308	<0.296	<0.390	<0.419	<0.357	<0.356
12378-PeCDD	--	<0.441	<0.577	<0.504	<0.816	<0.781	<0.564	<0.354	<0.508	<0.488	<0.366	<0.398	<0.474	<0.486	<0.499	<0.467
123478-HxCDD	--	<0.718	<0.733	<0.621	<0.920	<0.876	<0.673	<0.517	<0.659	<0.680	<0.448	<0.579	<0.663	<0.634	<0.641	<0.601
123678-HxCDD	--	<0.748	8.52	<0.753	9.98	<1.04	<0.737	<0.578	<0.769	<0.684	<0.454	<0.612	<0.756	<0.681	<0.693	<0.676
123789-HxCDD	--	<0.718	5.43	<0.671	6.78	<0.938	<0.690	<0.536	<0.698	<0.668	<0.442	<0.583	<0.694	<0.643	<0.653	<0.625
1234678-HpCDD	--	4.28	15.0	<1.22	12.9	24.1	7.55	14.2	4.56	<1.08	<0.993	<1.02	4.22	7.45	3.87	19.6
OCDD	--	25.1	78.7	11.2	55.4	330	92.0	232	15.6	<3.03	<2.43	<2.72	24.2	40.7	24.4	79.7
2,3,7,8-TCDF	--	<0.307	43.3	3.50	140	<0.386	<0.334	<0.229	<0.282	<0.251	<0.208	<0.191	<0.293	<0.312	<0.305	<0.307
12378-PeCDF	--	<0.333	2.19	<0.445	18.7	<0.550	<0.412	<0.255	<0.358	<0.294	<0.206	<0.239	<0.344	<0.340	<0.336	<0.346
23478-PeCDF	--	<0.272	<0.334	<0.332	5.27	<0.500	<0.342	<0.224	<0.299	<0.232	<0.166	<0.192	<0.271	<0.259	<0.267	<0.273
123478-HxCDF	--	<0.425	<0.479	<0.520	4.63	<0.685	<0.460	<0.362	<0.419	<0.340	<0.236	<0.282	<0.450	<0.347	<0.376	<0.471
123678-HxCDF	--	<0.401	<0.484	<0.477	<0.622	<0.639	<0.432	<0.340	<0.386	<0.358	<0.258	<0.286	<0.489	<0.361	<0.367	<0.454
234678-HxCDF	--	<0.448	<0.567	<0.589	<0.760	<0.796	<0.467	<0.357	<0.434	<0.361	<0.268	<0.316	<0.498	<0.395	<0.423	<0.502
123789-HxCDF	--	<0.648	<0.762	<0.675	<0.955	<0.887	<0.630	<0.500	<0.570	<0.522	<0.377	<0.453	<0.598	<0.510	<0.547	<0.627
1234678-HpCDF	--	<0.561	<0.806	<0.694	<0.972	<0.910	<0.491	1.80	<0.469	<0.480	<0.335	<0.532	<0.491	<0.458	<0.452	1.57
1234789-HpCDF	--	<0.742	<1.14	<1.08	<1.44	<1.43	<0.786	<0.664	<0.786	<0.716	<0.511	<0.537	<0.735	<0.665	<0.753	<0.707
OCDF	--	<2.20	<2.98	<3.58	<2.97	<3.86	<2.50	<2.02	<2.76	<2.41	<2.04	<2.36	<2.59	<2.22	<1.94	<1.13
Total TCDD	--	<0.329	<0.360	<0.364	<0.465	7.50	<0.467	<0.263	<0.442	<0.380	<0.308	<0.296	10.3	9.23	3.34	<0.356
Total PeCDD	--	<0.441	<0.577	<0.504	<0.816	<0.781	<0.564	<0.354	<0.508	<0.488	<0.366	<0.398	4.34	6.82	<0.499	<0.467
Total HxCDD	--	7.72	57.5	4.67	62.6	<1.04	<0.737	3.08	6.63	<0.684	<0.454	<0.612	<0.756	<0.681	<0.693	5.93
Total HpCDD	--	4.28	29.2	<1.22	25.8	45.8	14.8	28.8	9.36	<1.08	<0.993	<1.02	8.55	14.3	6.92	35.1
Total TCDF	--	<0.307	73.3	3.50	215	14.6	4.63	2.54	<0.282	<0.251	<0.208	4.54	<0.293	<0.312	<0.305	<0.307
Total PeCDF	--	<0.333	2.19	<0.445	34.4	<0.550	<0.412	<0.255	<0.358	<0.294	<0.206	<0.239	<0.344	<0.340	<0.336	<0.346
Total HxCDF	--	<0.648	<0.762	<0.675	4.63	3.11	<0.630	1.55	<0.570	<0.522	<0.377	<0.453	<0.598	<0.510	<0.547	2.37
Total HpCDF	--	<0.742	<1.14	<1.08	<1.44	<1.43	<0.786	3.94	<0.786	<0.716	<0.511	<0.537	<0.735	<0.665	<0.753	3.94
TCDD TEQ	**50/220**	**0.0503**	**5.96**	**0.353**	**18.4**	**0.340**	**0.103**	**0.230**	**0.503**	0	0	0	**0.0495**	**0.867**	**0.0460**	**0.24**

Table 1-9
Historical Soil Dioxins/Furans Analytical Results, June 2019*
Evergreen Pulp Mill Incorporated, Samoa, California
(in pg/g)

Sample ID		SB10-5	SB10-5A	SB10-8	SB11-1	SB11-5	SB11-8	SB12-1	SB12-5	SB12-8	SB13-1	SB13-5	SB13-8	SB14-1	SB14-5	SB14-8
Sample Date		6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)		5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5	5	8
Analyte	Screening Level															
2,3,7,8-TCDD	**4.8**	<0.278	<0.308	<0.317	<0.457	<0.342	<0.308	<0.282	<0.345	<0.369	<0.356	<0.343	<0.370	<0.444	<0.199	<0.179
12378-PeCDD	--	<0.349	<0.394	<0.378	<0.541	<0.421	<0.418	<0.332	<0.436	<0.473	<0.416	<0.475	<0.459	<0.485	<0.319	<0.275
123478-HxCDD	--	<0.552	<0.659	<0.650	<0.698	<0.589	<0.543	<0.466	<0.618	<0.673	<0.672	<0.741	<0.761	<0.607	<0.413	<0.360
123678-HxCDD	--	<0.594	<0.644	<0.623	<0.763	<0.599	<0.592	<0.519	<0.689	<0.660	<0.675	<0.819	<0.783	<0.778	<0.393	<0.411
123789-HxCDD	--	<0.561	<0.637	<0.623	<0.715	<0.582	<0.556	<0.482	<0.639	<0.653	<0.660	<0.763	<0.756	<0.674	<0.395	<0.377
1234678-HpCDD	--	2.83	2.85	<0.947	51.4	32.5	<0.886	3.49	<0.793	<0.892	<0.850	<1.25	<1.06	<0.971	10.1	19.3
OCDD	--	12.7	16.0	<2.31	887	551	<2.47	29.2	<1.82	5.50	10.5	<3.21	<3.00	<2.15	51.1	159
2,3,7,8-TCDF	--	<0.278	<0.268	<0.272	<0.298	<0.316	<0.307	<0.187	<0.216	<0.308	<0.322	<0.305	<0.319	<0.363	<0.248	<0.182
12378-PeCDF	--	<0.315	<0.290	<0.297	<0.335	<0.314	<0.357	<0.220	<0.274	<0.357	<0.390	<0.369	<0.370	<0.416	<0.196	<0.218
23478-PeCDF	--	<0.263	<0.233	<0.245	<0.277	<0.252	<0.278	<0.185	<0.224	<0.281	<0.321	<0.320	<0.293	<0.313	<0.159	<0.179
123478-HxCDF	--	<0.342	<0.317	<0.311	<0.351	<0.267	<0.355	<0.237	<0.306	<0.390	<0.494	<0.506	<0.454	<0.380	<0.232	<0.271
123678-HxCDF	--	<0.344	<0.348	<0.336	<0.329	<0.290	<0.371	<0.219	<0.274	<0.413	<0.514	<0.468	<0.506	<0.334	<0.252	<0.246
234678-HxCDF	--	<0.348	<0.333	<0.342	<0.353	<0.302	<0.407	<0.246	<0.308	<0.421	<0.515	<0.512	<0.518	<0.413	<0.250	<0.271
123789-HxCDF	--	<0.514	<0.493	<0.510	<0.518	<0.418	<0.520	<0.331	<0.423	<0.654	<0.759	<0.684	<0.859	<0.484	<0.383	<0.367
1234678-HpCDF	--	<0.460	<0.478	<0.376	3.87	2.65	<0.445	<0.279	<0.408	<0.582	<0.510	<0.491	<0.516	<0.517	<0.353	<0.477
1234789-HpCDF	--	<0.675	<0.673	<0.522	<0.621	<0.488	<0.683	<0.418	<0.612	<0.766	<0.683	<0.781	<0.799	<0.756	<0.501	<0.744
OCDF	--	<1.95	<2.00	<1.80	<2.22	<1.92	<2.44	<1.71	<2.16	<2.49	<2.43	<3.06	<3.11	<2.24	<1.72	<1.91
Total TCDD	--	<0.278	<0.308	<0.317	<0.457	<0.342	<0.308	<0.282	<0.345	<0.369	<0.356	<0.343	<0.370	<0.444	18.4	5.76
Total PeCDD	--	<0.349	<0.394	<0.378	<0.541	<0.421	<0.418	<0.332	<0.436	<0.473	<0.416	<0.475	<0.459	<0.485	14.6	2.14
Total HxCDD	--	<0.594	<0.659	<0.650	9.86	4.70	<0.592	<0.519	<0.689	<0.673	<0.675	<0.819	<0.783	<0.778	5.13	3.45
Total HpCDD	--	5.17	2.85	<0.947	104	65.6	<0.886	7.60	<0.793	<0.892	<0.850	<1.25	<1.06	<0.971	18.4	34.6
Total TCDF	--	<0.278	<0.268	<0.272	<0.298	<0.316	<0.307	<0.187	<0.216	<0.308	<0.322	<0.305	<0.319	<0.363	5.97	<0.182
Total PeCDF	--	<0.315	<0.290	<0.297	<0.353	<0.314	<0.357	<0.220	<0.274	<0.357	<0.390	<0.369	<0.370	<0.416	<0.196	<0.218
Total HxCDF	--	<0.514	<0.493	<0.510	7.74	4.95	<0.520	<0.331	<0.423	<0.654	<0.759	<0.684	<0.859	<0.484	<0.383	1.24
Total HpCDF	--	<0.675	<0.673	<0.522	9.65	6.10	<0.683	<0.418	<0.612	<0.766	<0.683	<0.781	<0.799	<0.756	<0.501	3.90
TCDD TEQ	**50/220**	**0.0321**	**0.0333**	0	**0.819**	**0.368**	0	**0.0437**	0	**0.00165**	**0.00315**	0	0	0	**0.116**	**0.241**

Table 1-9
Historical Soil Dioxins/Furans Analytical Results, June 2019*
Evergreen Pulp Mill Incorporated, Samoa, California
(in pg/g)

Sample ID		SB15-1	SB15-5	SB15-5A (Duplicate of SB15-5)	SB15-8	SB16-1	SB16-5	SB16-8
Sample Date		6/26/2019	6/28/2019	6/28/2019	6/28/2019	6/26/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)		0-0-5	5	5	8	0-0-5	5	8
Analyte	Screening Level							
2,3,7,8-TCDD	**4.8**	<0.460	<0.350	<0.410	<0.175	<0.311	<0.272	<0.473
12378-PeCDD	--	<0.533	<0.354	<0.399	<0.256	<0.344	<0.328	<0.524
123478-HxCDD	--	<0.924	<0.538	<0.643	<0.357	<0.933	<0.485	<0.733
123678-HxCDD	--	<1.04	<0.515	<0.695	<0.365	27.3	<0.534	<0.726
123789-HxCDD	--	<0.961	<0.515	<0.655	2.17	13.5	<0.499	<0.715
1234678-HpCDD	--	<1.56	35.9	24.3	32.2	409	17.3	5.66
OCDD	--	149	228	165	186	2,600	132	32.4
2,3,7,8-TCDF	--	<0.331	<0.326	<0.281	0.358	57.9	<0.238	<0.355
12378-PeCDF	--	<0.469	<0.308	<0.320	<0.168	15.4	<0.264	<0.377
23478-PeCDF	--	<0.372	<0.247	<0.268	<0.144	13.8	<0.224	<0.301
123478-HxCDF	--	<0.546	<0.314	<0.363	<0.185	13.9	<0.318	<0.374
123678-HxCDF	--	<0.438	<0.344	<0.341	<0.185	5.91	<0.295	<0.394
234678-HxCDF	--	<0.587	<0.341	<0.366	<0.191	5.69	<0.331	<0.405
123789-HxCDF	--	<0.719	<0.542	<0.523	<0.287	<0.532	<0.451	<0.604
1234678-HpCDF	--	<1.03	<0.445	<0.461	1.20	44.3	<0.422	<0.493
1234789-HpCDF	--	<1.52	<0.644	<0.710	<0.396	<0.827	<0.639	<0.740
OCDF	--	<2.80	<2.07	<2.44	<1.23	113	<2.24	<2.34
Total TCDD	--	<0.460	3.28	3.26	4.25	<0.311	3.83	14.9
Total PeCDD	--	<0.533	<0.354	<0.399	2.02	<0.344	2.14	8.09
Total HxCDD	--	<1.04	4.81	5.84	8.43	139	3.04	<0.733
Total HpCDD	--	<1.56	63.2	44.3	57.2	957	30.6	11.2
Total TCDF	--	<0.331	<0.326	<0.281	2.94	328	<0.238	<0.355
Total PeCDF	--	<0.469	<0.308	<0.320	<0.168	142	<0.264	<0.377
Total HxCDF	--	<0.719	<0.542	<0.523	1.81	110	<0.451	<0.604
Total HpCDF	--	<1.52	<0.644	<0.710	3.31	124	<0.639	<0.740
TCDD TEQ	**50/220**	**0.0447**	**0.427**	**0.293**	**0.643**	**22.4**	**0.213**	**0.0663**

Table 1-10
Historical Soil Metals Analytical Results, June 2019**
Evergreen Pulp Mill Incorporated, Samoa, California
(in mg/kg)

Sample ID			SB1-1	SB1-1A (Duplicate of SB1-1)	SB1-5	SB1-8	SB2-1	SB2-5	SB2-5MS/MSD	SB2-8	SB3-1	SB3-5	SB3-8	SB4-1	SB4-5	SB4-8
Sample Date			6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)			0-0-5	5	5	8	0-0-5	5	5	8	0-0-5	5	8	0-0-5	5	8
Analyte	DTSC-SL Residential	SFRWQCB ESL														
Antimony	--	**11**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Arsenic	**0.11**	**0.067**	<2.0	<2.0	<2.0	<2.0	2.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Barium	--	**390**	54	54	19	25	110	22	20	20	85	33	34	52	37	22
Beryllium	**16**	**5.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	--	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	--	**160**	54	72	74	65	50	64	62	37	60	74	74	60	80	74
Cobalt	--	**23**	9.4	10	9.3	9.2	13	8.6	9	6.2	14	8.9	10	12	10	9.8
Copper	--	**180**	13	14	5.4	5	23	5.1	5.1	<5.0	30	5.7	8.3	25	8.2	5.3
Lead	**80**	**80**	6.6	6.3	3.2	3	5.4	3	3.2	2.1	6.9	3.4	3.7	3.9	6.1	3.4
Mercury	**1.0**	**1.0**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	--	**6.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	**820**	**86**	47	53	50	46	57	45	47	33	54	46	47	53	53	50
Selenium	--	**2.4**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Silver	--	**25**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	37	<0.5	<0.5
Thallium	--	**0.78**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	--	**18**	39	41	41	35	48	36	39	25	49	38	41	43	43	42
Zinc	--	**340**	43	41	29	27	49	29	27	21	47	28	30	48	32	29

Table 1-10
Historical Soil Metals Analytical Results, June 2019**
Evergreen Pulp Mill Incorporated, Samoa, California
(in mg/kg)

Sample ID			SB4-8A (Duplicate of SB4-8)	SB5-1	SB5-5	SB5-8	SB6-1	SB6-5	SB6-8	SB7-1	SB7-5	SB7-8	SB8-1	SB8-5	SB8-8	SB8-8MS/MSD
Sample Date			6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)			8	0-0-5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5	5	8	8MS/MSD
Analyte	DTSC-SL Residential	SFRWQCB ESL														
Antimony	--	**11**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Arsenic	**0.11**	**0.067**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.1	<2.0	2	<2.0
Barium	--	**390**	22	77	21	26	18	24	31	23	24	23	22	23	29	21
Beryllium	**16**	**5.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	--	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	--	**160**	68	53	55	76	59	68	52	71	72	65	46	60	78	84
Cobalt	--	**23**	9.6	16	7	9.2	4.4	6.6	4.1	10	9.4	9.3	8.6	7.7	9.3	9.2
Copper	--	**180**	5.2	28	<5.0	<5.0	<5.0	<5.0	<5.0	7.6	5.7	5	5.2	<5.0	<5.0	5.4
Lead	**80**	**80**	3.1	4.8	2	2.7	<0.8	2.6	4.4	3.4	3.4	3.1	2.9	2.3	3.2	3.1
Mercury	**1.0**	**1.0**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	--	**6.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	**820**	**86**	48	67	36	49	13	34	14	46	47	49	41	40	49	47
Selenium	--	**2.4**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Silver	--	**25**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	--	**0.78**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	--	**18**	41	47	31	34	26	36	25	40	39	40	36	33	40	40
Zinc	--	**340**	29	48	22	29	11	23	9.8	28	30	28	27	23	27	28

Table 1-10
Historical Soil Metals Analytical Results, June 2019**
Evergreen Pulp Mill Incorporated, Samoa, California
(in mg/kg)

Sample ID			SB9-1	SB9-5	SB9-8	SB10-1	SB10-5	SB10-5A	SB10-8	SB11-1	SB11-5	SB11-8	SB12-1	SB12-5	SB12-8	SB13-1	SB13-5
Sample Date			6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)			0-0-5	5	8	0-0-5	5	5	8	0-0-5	5	8	0-0-5	5	8	0-0-5	5
Analyte	DTSC-SL Residential	SFRWQCB ESL															
Antimony	--	**11**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Arsenic	**0.11**	**0.067**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2	<2.0	<2.0	<2.0
Barium	--	**390**	26	26	41	100	20	20	28	20	22	19	22	30	20	60	23
Beryllium	**16**	**5.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	--	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Chromium	--	**160**	76	83	63	65	38	67	75	59	80	47	70	78	41	63	60
Cobalt	--	**23**	9.6	10	8.1	9.3	5.9	9	9.5	8.6	18	7.3	9.2	9.9	7.6	13	9.1
Copper	--	**180**	5.6	5.2	<5.0	17	<5.0	5.5	<5.0	7	53	<5.0	<5.0	5.3	<5.0	18	5.1
Lead	**80**	**80**	3.6	3.8	2.9	21	2.1	3.3	3.2	3	4.1	2.4	3.2	3.3	2.8	4.2	3.4
Mercury	**1.0**	**1.0**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	--	**6.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	**820**	**86**	51	51	42	50	32	46	51	44	53	39	47	52	40	56	46
Selenium	--	**2.4**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Silver	--	**25**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	--	**0.78**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	--	**18**	40	42	34	36	24	40	41	35	38	30	40	41	29	44	39
Zinc	--	**340**	29	30	25	61	21	29	30	25	28	23	27	30	24	38	28

Table 1-10
Historical Soil Metals Analytical Results, June 2019**
Evergreen Pulp Mill Incorporated, Samoa, California
(in mg/kg)

Sample ID			SB13-8	SB14-1	SB14-5	SB14-8	SB15-1	SB15-5	SB15-5A (Duplicate of SB15-5)	SB15-8	SB16-1	SB16-5	SB16-8
Sample Date			6/28/2019	6/26/2019	6/28/2019	6/28/2019	6/26/2019	6/28/2019	6/28/2019	6/28/2019	6/26/2019	6/28/2019	6/28/2019
Sample Depth (feet below ground surface)			8	0-0-5	5	8	0-0-5	5	5	8	0-0-5	5	8
Analyte	DTSC-SL Residential	SFRWQCB ESL											
Antimony	--	**11**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Arsenic	**0.11**	**0.067**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	2.3	<2.0
Barium	--	**390**	19	25	23	23	20	21	30	27	78	21	28
Beryllium	**16**	**5.0**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Cadmium	--	**1.9**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	1.8	<0.5	<0.5
Chromium	--	**160**	55	55	77	68	70	94	100	77	65	75	59
Cobalt	--	**23**	8.1	7.8	9.6	8.8	8.2	10	10	9.3	10	9.4	8
Copper	--	**180**	<5.0	<5.0	<5.0	<5.0	5.2	5.5	5.4	5.1	120	5.4	8.3
Lead	**80**	**80**	2.8	2.7	3.6	3.4	5.7	3.3	3.5	3.5	14	3.3	2.9
Mercury	**1.0**	**1.0**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Molybdenum	--	**6.9**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Nickel	**820**	**86**	45	40	49	46	41	53	53	47	120	49	43
Selenium	--	**2.4**	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8	<4.8
Silver	--	**25**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Thallium	--	**0.78**	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Vanadium	--	**18**	32	34	41	38	36	45	44	40	38	42	35
Zinc	--	**340**	26	25	29	28	37	30	29	29	120	28	27

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