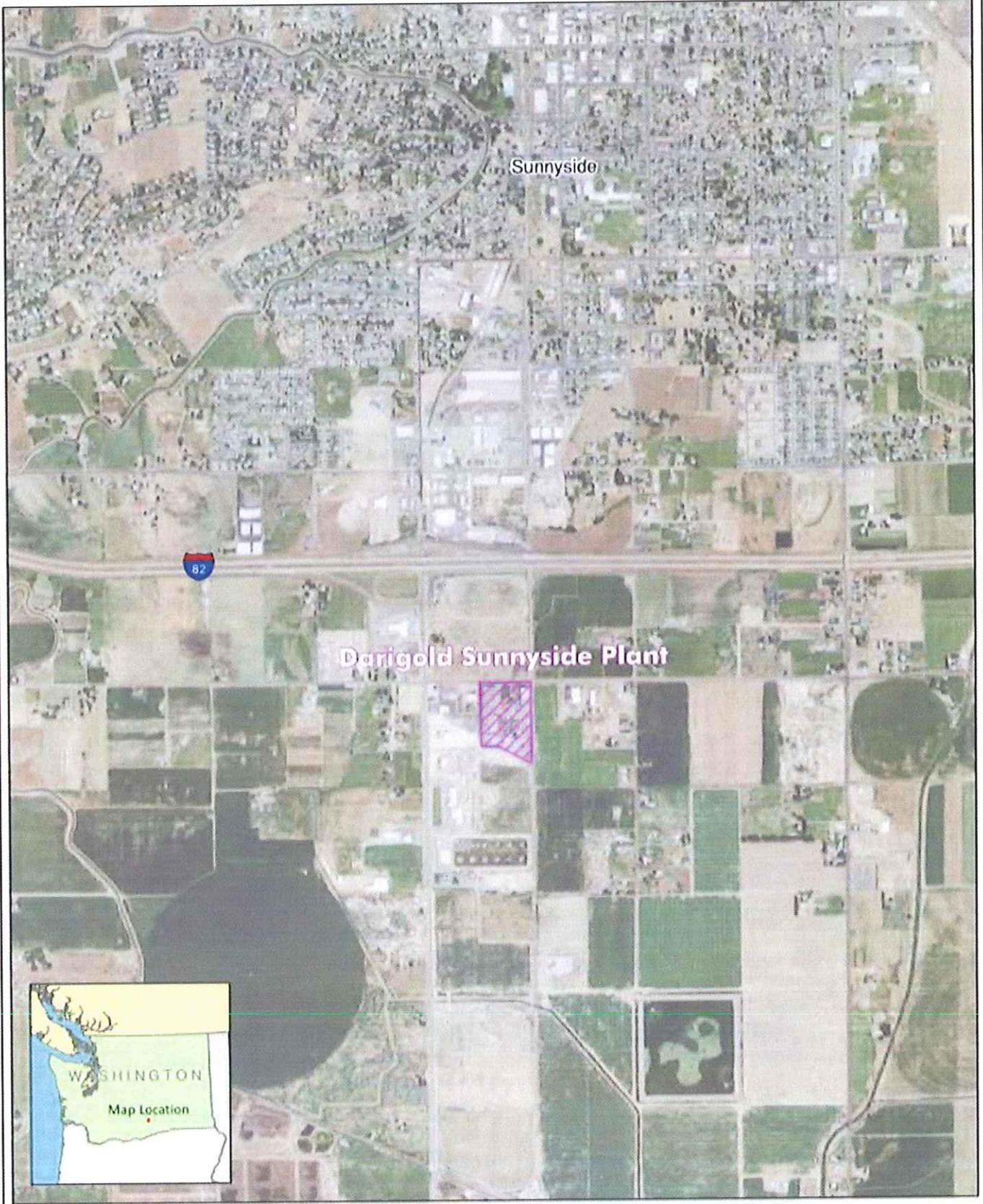




Attachment 1

Vicinity Maps

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



Windward
environmental LLC

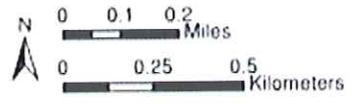
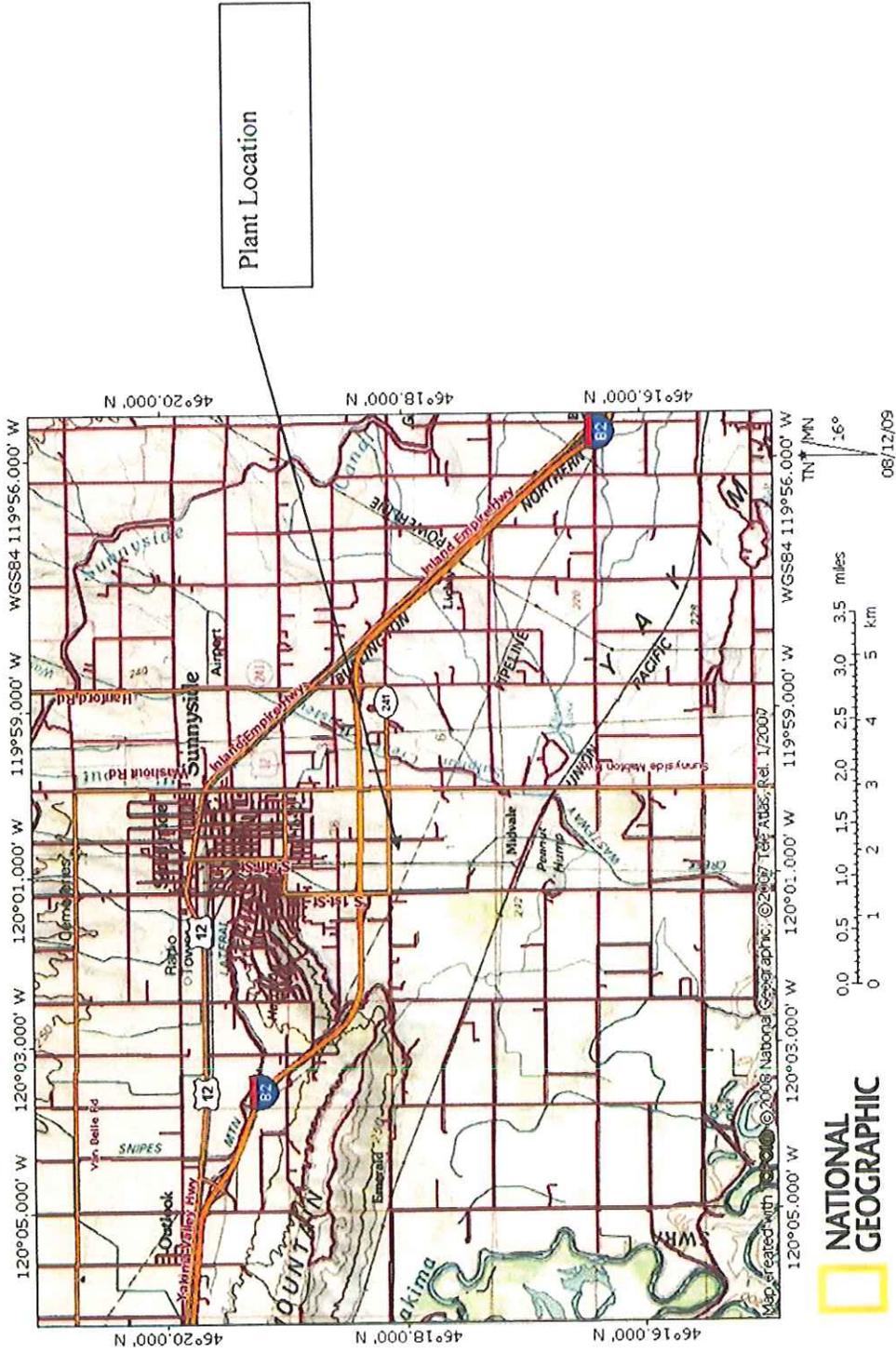


Figure 1. Vicinity map

RECEIVED
JAN 28 2016

DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE

Darigold Sunnyside Plant – Vicinity Map



RECEIVED
JAN 28 2016

DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



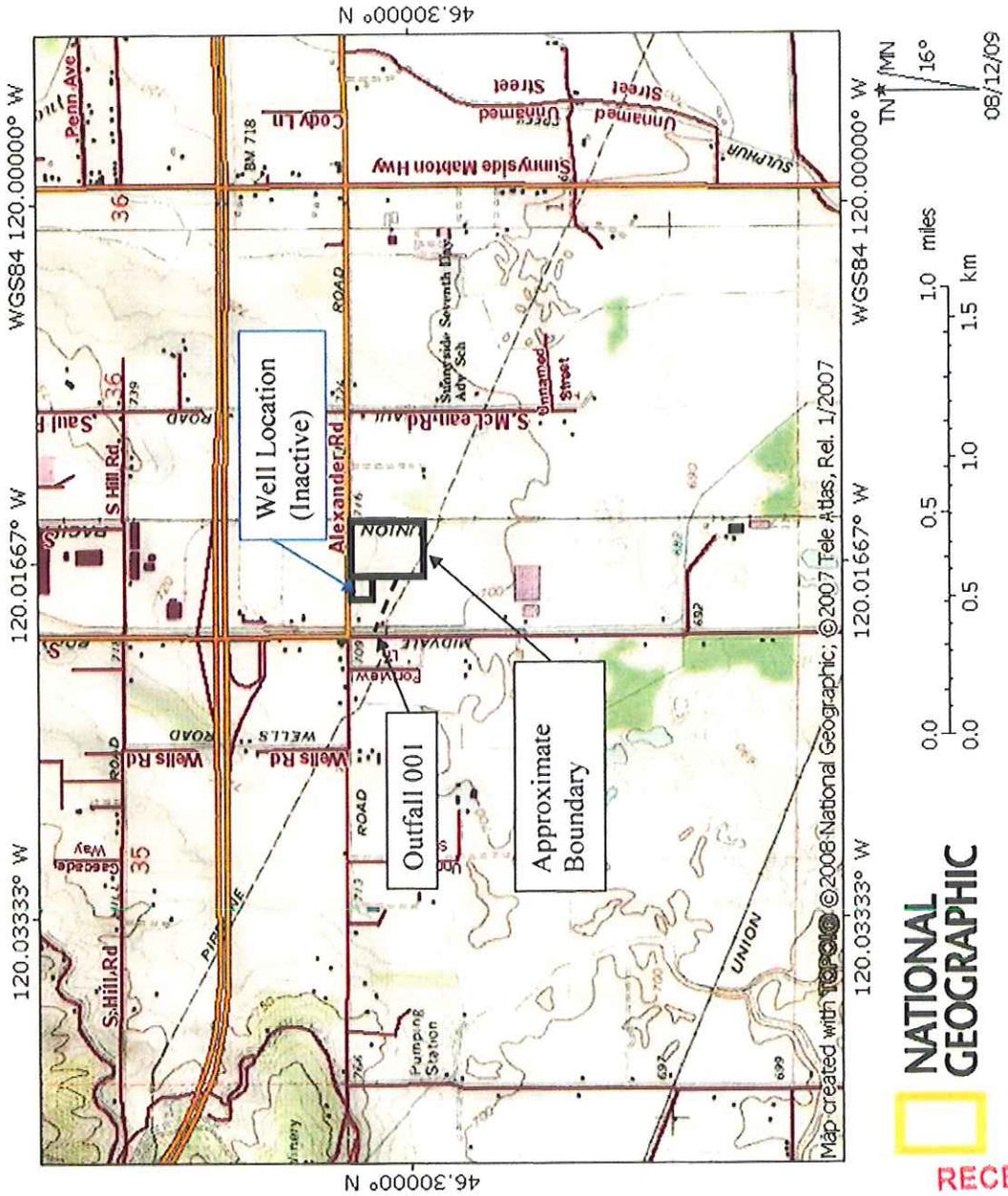
Attachment 2

Site Map

Darigold, 400 Alexander Road, Sunnyside, Washington 98944

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE

Darigold Sunnyside Plant – Site Map (Detailed View)



RECEIVED

JAN 28 2016

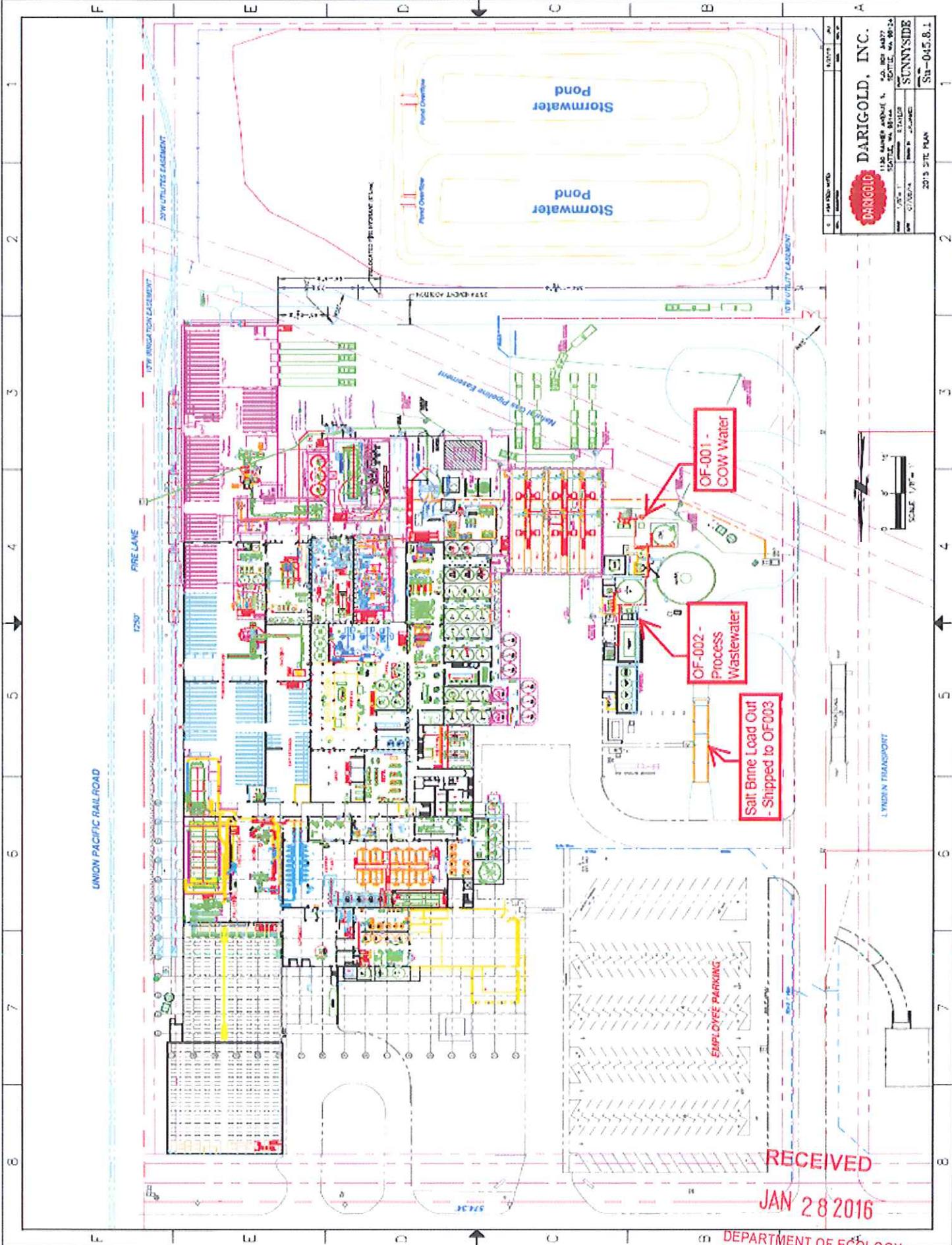
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



Attachment 3
Site Drawing

Darigold, 400 Alexander Road, Sunnyside, Washington 98944

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



DARIGOLD, INC. 1130 MARINE AVENUE S. SEATTLE, WA 98144 TEL: 206.461.1100 FAX: 206.461.1101 WWW.DARIGOLD.COM		DATE: 07/2014 DRAWN BY: J. JAMES CHECKED BY: J. JAMES SCALE: 1/8" = 1'-0" 2015 SITE PLAN SUB-045.8.1
---	--	---



RECEIVED
JAN 28 2016

DEPARTMENT OF ECOLOGY
 CENTRAL REGIONAL OFFICE

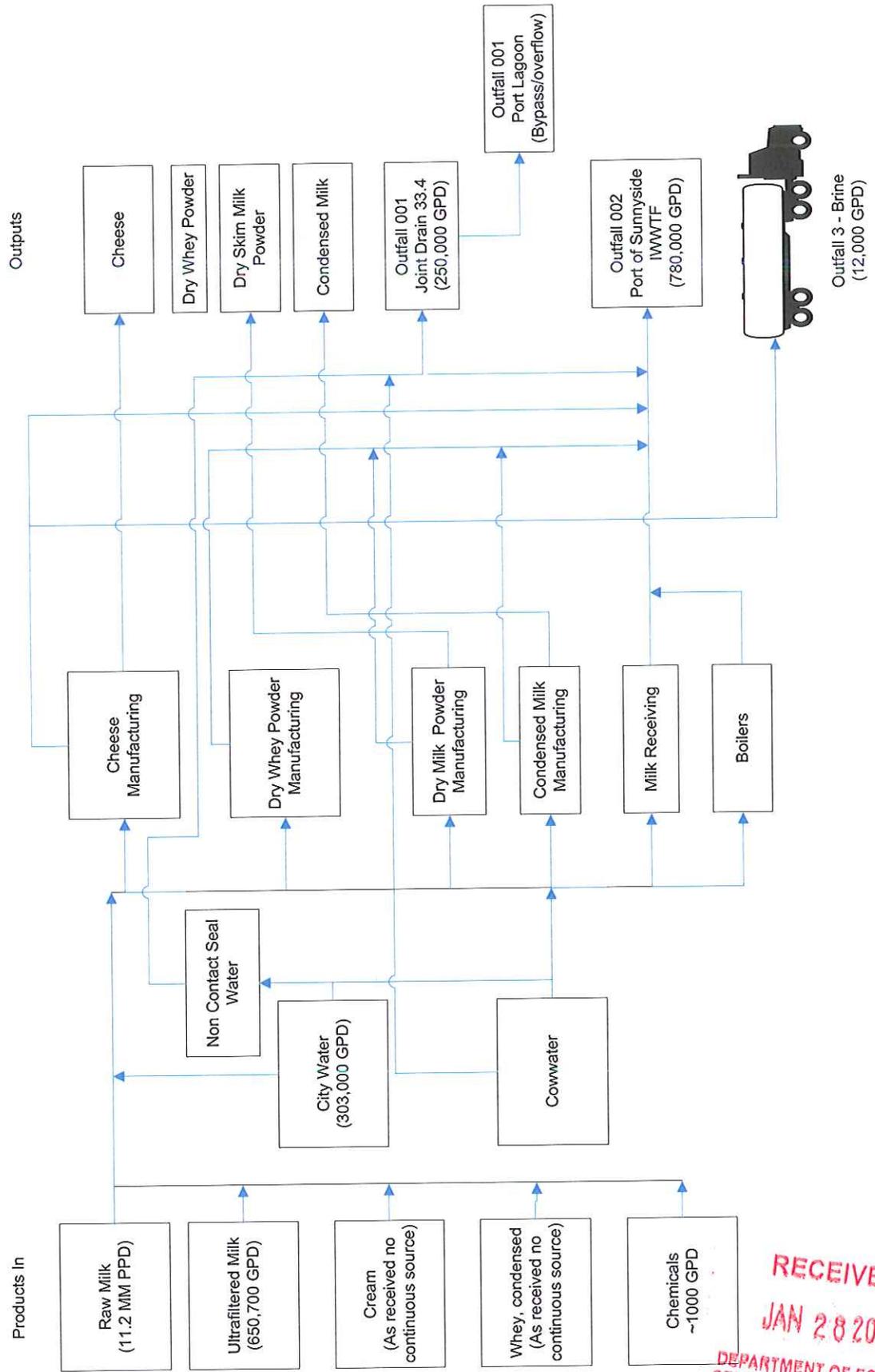


Attachment 4
Process Line Diagram

Darigold, 400 Alexander Road, Sunnyside, Washington 98944

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE

Process Flow Line Diagram Darigold, Inc. – Sunnyside, WA



RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



Attachment 5

Bulk Chemicals

Darigold, 400 Alexander Road, Sunnyside, Washington 98944

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE

Bulk Chemical List

(On site in volumes greater than 10 gallons)

PRODUCT NAME	GAL
AC-103	6500
AC-55-5 RED	6000
ACCOMPLISH	220
BAR DANDY	16
CHELATE ADDITIVE	385
ECOCARE 350	24
ENFORCE LP	440
EXELERATE HS	220
FILTRAPURE	440
FOAM-NOX	440
HC-10	900
KX-1077	220
LIQUID K	40
MANDATE PLUS	4500
OCTAVE FS	250
OXONIA ACTIVE	200
PASSIVATION ACID	1200
PRINCIPAL	660
STER-BAC QUAT	110
ULTRASIL 01	385
ULTRASIL 02	120
ULTRASIL 10	1600
ULTRASIL 110	440
ULTRASIL 25	385
ULTRASIL 63	385
ULTRASIL 68	40
ULTRASIL 75	385
ULTRASIL 84	110
ULTRASIL MP	380
VORTEXX	150
XY-12	1300
#2 Diesel Fuel	14000
Ammonium Hydroxide 19.5 %	6000
Anhydrous Ammonia	9000 lbs.
Lubriplate SAE 30	10
Lubriplate Ultra 22	10
Lubriplate SPO 277 ISO VG 460	5
Mobil DTE AA 320	40
Lubriplate HO-1	300
Shell Tellus 46	45
Lubriplate Ultra 68	45
Lubriplate Ultra 150	27
Lubriplate Ultra 220	46
Lubriplate Ultra 460	30
Used oil	200
6658U – CH2O	70
6149U – CH2O	70
6263U – CH2O	70
ACCI-6100 – CH2O	50
Unibrom Plus – CH2O	50
Bio Blast – CH2O	110
6434 – CH2O	100
Luperox A40FP-E	240
Safety Kleen Premium Solvent	55

RECEIVED
JAN 28 2016
 DEPARTMENT OF ECOLOGY
 CENTRAL REGIONAL OFFICE



Attachment 6
Solvent MSDS

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

*** Section 1 - Identification ***

Product Identifier

SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

Product Code

None.

Synonyms

Safety-Kleen Premium Gold Solvent; Safety-Kleen Continued Use Product Solvent (CUP); High Flash Degreasing Solvent; Parts Washer Solvent; Petroleum Distillates; Petroleum Naphtha; Naphtha, Solvent; Mineral Spirits

Recommended Use

Cleaning and degreasing metal parts. If this product is used in combination with other products, refer to the Safety Data Sheets for those products.

Restrictions on Use

None known.

Manufacturer Information

Safety-Kleen Systems, Inc.
2600 North Central Expressway
Suite 400
Richardson, TX 75080
www.safety-kleen.com

Phone: 1-800-669-5740

Emergency # 1-800-468-1760

Issue Date

September 2, 2014

Supersedes Issue Date

November 8, 2012

Original Issue Date

January 26, 1995

*** Section 2 - Hazard(s) Identification ***

Classification in Accordance with 29 CFR 1910.1200.

Flammable Liquids, Category 4
Specific Target Organ Toxicity - Single Exposure, Category 3 (central nervous system)
Aspiration Hazard, Category 1

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

DANGER!

Hazard Statement(s)

Combustible liquid
May cause drowsiness and dizziness
May be fatal if swallowed and enters airways

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Precautionary Statement(s)

Prevention

Keep away from flames and hot surfaces. - No smoking. Wear protective gloves and eye/face protection. Avoid breathing vapor or mist. Use only outdoors or in a well-ventilated area.

Response

In case of fire: Use Class B/C or Class A/B/C fire extinguisher, carbon dioxide, regular foam, dry chemical, water spray, or water fog for extinction. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

Storage

Store in a well-ventilated place. Keep container tightly closed. Keep cool.

Disposal

Dispose of in accordance with all applicable federal, state and local regulations.

Hazard(s) Not Otherwise Classified

None known.

*** Section 3 - Composition / Information on Ingredients ***

CAS	Component	Percent
64742-47-8	Distillates (petroleum), hydrotreated light	100

*** Section 4 - First Aid Measures ***

Description of Necessary Measures

Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin

IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops or persists.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops or persists.

Ingestion

IF SWALLOWED: Aspiration hazard. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Call a poison control center or doctor immediately for treatment advice.

Most Important Symptoms/Effects

Acute

Central nervous system depression

Delayed

Central nervous system damage

Indication of Immediate Medical Attention and Special Treatment Needed, If Needed

IF exposed: Call a POISON CENTER or doctor/physician. Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident. Call 1-800-468-1760 for additional information.

*** Section 5 - Fire-Fighting Measures ***

Suitable Extinguishing Media

Class B/C or Class A/B/C fire extinguisher, carbon dioxide, regular foam, regular dry chemical, water spray, water fog.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Specific Hazards Arising from the Chemical

Combustible liquid and vapor. The vapor is heavier than air. Vapors or gases may ignite at distant ignition sources and flash back. Run-off to sewer may create a fire hazard. Heated containers may rupture or be thrown into the air. Empty containers may retain product residue including flammable/explosive vapors. Product may be sensitive to static discharge, which could result in fire or explosion.

Hazardous Combustion Products

Decomposition and combustion materials may be toxic - Burning may produce carbon monoxide and unidentified organic compounds.

Special Protective Equipment and Precautions for Firefighters

A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.

Fire Fighting Measures

Keep away from sources of ignition - No smoking. Keep unnecessary people away, isolate hazard area and deny entry. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Stay away from the ends of tanks. For tank, rail car or tank truck, evacuation radius: 800 meters (1/2 mile). Stay upwind and keep out of low areas. Dike for later disposal.

NFPA Ratings: Health: 1 Fire: 2 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

*** Section 6 - Accidental Release Measures ***

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment. See Section 8 – Exposure Controls/Personal Protection. Avoid release to the environment.

Methods and Materials for Containment and Clean Up

Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in Section 8 – Exposure Controls/Personal Protection. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. A vapor suppressing foam may be used to reduce vapors. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, sparkproof tool into a sealable container for disposal. Additionally, for large spills: Water spray may reduce vapor, but may not prevent ignition in closed spaces. Dike far ahead of liquid spill for collection and later disposal.

There may be specific regulatory reporting requirements associated with spills, leaks, or releases of this product. Also see Section 15 – Regulatory Information.

*** Section 7 - Handling and Storage ***

Precautions for Safe Handling

Keep away from heat, sparks, or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. When transferring product, trucks and tank cars should be grounded and bonded. Do not breathe vapor or mist. Use in a well-ventilated area. Avoid contact with eyes, skin, clothing, and shoes. Do not smoke while using this product.

Conditions for Safe Storage, Including Any Incompatibilities

Keep containers away from heat, flame, sparks, static electricity, or other sources of ignition. Keep container tightly closed. Keep cool. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Empty product containers may retain product residue and can be dangerous. Store in a well-ventilated place. See Section 14 – Transportation Information for Packing Group information.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Incompatibilities

Strong oxidizing materials.

*** Section 8 - Exposure Controls / Personal Protection ***

Component Exposure Limits

Distillates (petroleum), hydrotreated light (64742-47-8)

ACGIH: 100 ppm TWA (related to Stoddard solvent)

OSHA Final: 500 ppm TWA; 2900 mg/m³ TWA (related to Stoddard solvent)

OSHA Vacated: 100 ppm TWA; 525 mg/m³ TWA (related to Stoddard solvent)

NIOSH: 350 mg/m³ TWA (related to Stoddard solvent)

1800 mg/m³ Ceiling (15 min, related to Stoddard solvent)

Appropriate Engineering Controls

Provide general ventilation needed to maintain concentration of vapor or mist below applicable exposure limits. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits. Where explosive mixtures may be present, equipment safe for such locations should be used.

Individual Protective Measures, such as Personal Protective Equipment

Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: safety glasses, gloves, lab coat or apron.

Eyes/Face Protection

Safety glasses with side shields should be worn at a minimum. Additional protection such as goggles, face shields, or respirators may be needed depending upon anticipated use and concentrations of mists or vapors. Provide an emergency eye wash fountain and quick drench shower in the immediate work area. Contact lens use is not recommended.

Skin Protection

Where skin contact is likely, wear neoprene, nitrile, or equivalent protective gloves; use of natural rubber or equivalent gloves is not recommended. To avoid prolonged or repeated contact with products where spills and splashes are likely, wear appropriate chemical-resistant faceshield, boots, apron, coveralls, long sleeve shirts, or other protective clothing.

Respiratory Protection

Use NIOSH-certified P- or R- series particulate filter and organic vapor cartridges when concentration of vapor or mist exceeds applicable exposure limits. Protection provided by air purifying respirators is limited. Do not use N-rated respirators. Selection and use of respiratory protective equipment should be in accordance in the USA with OSHA General Industry Standard 29 CFR 1910.134; or in Canada with CSA Standard Z94.4.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

*** Section 9 - Physical & Chemical Properties ***

Appearance/Odor : Liquid, clear, colorless to pale yellow
Mild hydrocarbon odor

Boiling Point: 350°F (177°C) (initial)
Solubility (H2O): Insoluble.

Density: 6.4 to 6.7 LB/US gal (770 to 800 g/l)
Evaporation Rate: <0.1 (butyl acetate = 1)

LFL: 0.7 VOL% (minimum)
UFL: 5 VOL% (maximum)
Vapor Pressure: 0.2 mm Hg at 68°F (20°C);
0.6 mm Hg at 100°F (37°C)

pH: Not applicable
Odor Threshold: 30 ppm (based on Stoddard Solvent)

Melting Point: -45°F (-43°C) (maximum)
Specific Gravity: 0.77 to 0.82 at 60°F (15.6°C)
(water = 1)

Octanol/H2O Coeff.: Not available
Auto Ignition Temperature: 480°F (249°C) (minimum)

Flash Point: 148°F (64°C) (minimum)

Viscosity: Not available
Vapor Density: 5 (air = 1) (approximately)

Other Property Information

No information is available.

*** Section 10 - Stability & Reactivity ***

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal temperatures and pressures.

Possibility of Hazardous Reactions

Will not polymerize under normal temperature and pressure conditions.

Conditions To Avoid

Avoid heat, sparks, flames, and other sources of ignition Avoid contact with incompatible materials.

Incompatible Materials

Avoid acids, alkalies, oxidizing agents, reducing agents, or reactive halogens.

Hazardous Decomposition Products

None under normal temperatures and pressures. See also **Section 5: Hazardous Combustion Products.**

*** Section 11 - Toxicological Information ***

Toxicity Data and Information

Component Analysis - LD50/LC50

Distillates (petroleum), hydrotreated light (64742-47-8)

Inhalation LC50 Rat >5.2 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg

Information on Likely Routes of Exposure

Inhalation

May cause irritation, nausea, loss of appetite, headache, drowsiness, dizziness, disorientation, tremors, lung damage (from aspiration), convulsions, and coma.

Ingestion

May cause headache, drowsiness, dizziness, loss of coordination, and aspiration hazard.

Skin Contact

May cause irritation of the skin.

Eye Contact

No information on significant adverse effects.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Immediate Effects

Central nervous system depression, lung damage (from aspiration), respiratory tract irritation, skin irritation.

Delayed Effects

Central nervous system damage, respiratory system damage.

Irritation/Corrosivity

Respiratory tract irritation, skin irritation.

Respiratory Sensitization

No information available for the product.

Skin Sensitization

No information available for the product.

Carcinogenicity

No carcinogenicity data available for this product.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Germ Cell Mutagenicity

Based on best current information, there is no known mutagenicity associated with this product.

Teratogenicity

No information available for the product.

Reproductive Effects

No epidemiological data is available for this product.

Specific Target Organ Effects - Single Exposure

Central nervous system.

Specific Target Organ Effects - Repeated Exposure

Central nervous system.

Aspiration Hazard

Lung aspiration hazard if swallowed.

Medical Conditions Aggravated by Exposure

Individuals with pre-existing respiratory tract (nose, throat, and lungs), central nervous system, kidneys, and eye and/or skin disorders may have increased susceptibility to the effects of exposure.

* * * Section 12 - Ecological Information * * *

Ecotoxicity

According to the California Code of Regulations, a toxicity to aquatic life, specifically fish, is determined using an acute 96 hour bioassay. A material is non-hazardous if the LC₅₀ is >500 mg/L. This product passed the bioassay and is considered non-hazardous.

Persistence and Degradability

This material is believed not to biodegrade.

Bioaccumulation Potential

This material is believed not to bioaccumulate.

Mobility in Soil

Expected to have high mobility in soil.

Other Adverse Effects

No additional information is available.

* * * Section 13 - Disposal Considerations * * *

Disposal Methods

Not regulated. Based on available data, this information applies to the product as supplied to the user. Processing, use, or contamination by the user may change the waste code applicable to the disposal of this product.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. Contact Safety-Kleen regarding proper recycling or disposal.

*** Section 14 - Transport Information ***

Emergency Response Guide Number

128: Reference . *North American Emergency Response Guide Book*

Transportation Regulations

DOT Non-Bulk Packages (less than or equal to 119 gallons)

Not regulated.

Shipping Name: Cleaning compounds (Petroleum naphtha)(Not US DOT regulated)

Bulk Packages

Shipping Name: Combustible liquid, n.o.s. (petroleum naphtha)

UN/NA #: NA1993 **Hazard Class:** Combustible liquid **Packing Group:** III

Required Placards: Class 3, NA 1993

TDG Not regulated as dangerous goods.

*** Section 15 - Regulatory Information ***

Volatile Organic Compounds (As Regulated)

100 WT%; 6.4 to 6.7 LB/US gal; 770 to 800 g/l

As per 40 CFR Part 51.100(s).

VOC Vapor Pressure: <1.0 mmHg @ 20°C

Product may or may not be considered photochemically reactive (100% by weight).

Consult your state or local air district regulations for location specific information.

Federal Regulations

SARA 302/304

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "extremely hazardous substances" listed pursuant to Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) Section 302 or Section 304 as identified in 40 CFR Part 355, Appendix A and B.

SARA 311/312 Hazardous Categories

This product poses the following health hazards as defined in 40 CFR Part 370 and is subject to the requirements of sections 311 and 312 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA):

Acute Health: Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactive:** No

SARA Section 313

Component Analysis

This product does not contain any "toxic" chemical subject to the requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

CERCLA

Component Analysis

Based on the ingredient(s) listed in SECTION 3, this product does not contain any "hazardous substance" listed under the Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) in 40 CFR Part 302, Table 302.4.

TSCA Inventory

All the components of this substance are listed on or are exempt from the TSCA inventory listing.

Safety Data Sheet

Material Name: SAFETY-KLEEN PREMIUM SOLVENT (VIRGIN AND RECYCLED)

SDS ID: GHS 82658

Component Analysis

Component	CAS #	TSCA
Distillates (petroleum), hydrotreated light	64742-47-8	Yes

U.S. State Regulations

This product may contain a detectable amount of benzene CAS 71-43-2, p-dichlorobenzene CAS 106-46-7, ethylbenzene CAS 100-41-4, and naphthalene CAS 91-20-3. WARNING: These chemicals are known to the State of California to cause cancer.

This product may contain a detectable amount of benzene CAS 71-43-2 and toluene CAS 108-88-3. WARNING: These chemicals are known to the State of California to cause birth defects or other reproductive harm.

Canadian Regulations

This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Component Analysis

Component	CAS #	CAN
Distillates (petroleum), hydrotreated light	64742-47-8	DSL

Canadian WHMIS Information

B3 D2B

* * * Section 16 - Other Information * * *

Revision Information

Reformat to OSHA HazCom 29 CFR 1910.1200 adoption of GHS Revision 3.

Key/Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; RID - European Rail Transport; RTECS - Registry of Toxic Effects of Chemical Substances®; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States

Disclaimer

User assumes all risks incident to the use of this product. To the best of our knowledge, the information contained herein is accurate. However, Safety-Kleen assumes no liability whatsoever for the accuracy or completeness of the information contained herein. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to the information or the product to which the information refers. The data contained on this sheet apply to the product as supplier to the user.

End of Sheet 82658



Attachment 7
Lab Reports - Additional
Analysis

RECEIVED
JAN 28 2016
DEPARTMENT OF ECOLOGY
CENTRAL REGIONAL OFFICE



LabTest
 201 East D Street
 Yakima, WA 98901
 (509) 469 - TEST

Priority Pollutants

Date Collected: 10/28/15		
Lab/Sample No: 23030123		County: YAKIMA
Sample Location: OF01		
		Date Received: 10/28/15
		Date Reported: 11/06/15
		Sample Collected By: Ron Phillips
Send Report To:	SAMPLE COMMENTS	Matrix: Waste Water
Darigold Inc. Attn: Ron Phillips P.O. Box 876 Sunnyside, WA 98944		

Priority Pollutants

DOH#	Analytes	Results	Units	MRL	Trigger	MCL	Method	Analyzed	Analyst
	pH	7.18	pH units				EPA 150.1	11/03/15	GEH
	Specific Conductance	132.3	uS/cm				SM 2510B	11/03/15	GEH
	BOD	20	mg/L	1			SM 5210B	10/30/15	GEH
	COD	60	mg/L	1			WSM 5220B	10/30/15	BKO
	HEM (FOG)	4.67	mg/L				EPA 1664	11/06/15	GEH
	TOC	2.21	mg/L	0.5			SM 5310	11/05/15	BKO
	Sulfites	ND	mg/L				SM 4500-SO2	11/06/15	BKO
	Surfactants	ND	mg/L				LAS	11/06/15	BKO
	Bromide	ND	mg/L				EPA 300.0	11/06/15	BKO
	TSS	26	mg/L				SM 2540D	11/05/15	GEH
	TDS	136	mg/L				SM 2540C	11/05/15	GEH
	ortho-Phosphate	ND	mg/L				EPA 365.1	11/06/15	BKO
	Total Phosphorus	ND	mg/L				EPA 365.1	11/06/15	BKO
	Ammonia	2.09	mg/L				EPA 350.1	11/06/15	BKO
	TKN	32.6	mg/L				EPA 351.2	11/06/15	GEH
	Total Nitrogen	40	mg/L				SM-4500-N	11/06/15	GEH
	Dissolved Oxygen	8.12	mg/L				SM 4500-O	10/28/15	GEH
<u>MICROBIOLOGY</u>									
	Total Coliform Bacteria	>24,192	MPN/100mL				SM 9223 B	10/28/15	BKO
	Fecal Coliform Bacteria	330	CFU/100mL				SM 9222 D	10/28/15	BKO
	<i>E. coli</i>	12	MPN/100mL				SM 9223 B	10/28/15	BKO

MRL (Method Reporting Level): Indicates the minimum reporting level required and obtained by the laboratory (MDL < MRL < SRL).

Trigger: DOH Drinking Water response level. Public Systems in excess of this level must take additional samples. Recommended range on packages.

MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.

ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the MRL or SRL.

Approved By: _____

RECEIVED
JAN 28 2016
 DEPARTMENT OF ECOLOGY
 CENTRAL REGIONAL OFFICE



INORGANIC CHEMICALS (IOC's) REPORT

Lab/Sample No: 23030123		Date Collected: 10/28/15							
Date Received: 10/28/15		Date Reported: 11/06/15		Supervisor: BKO					
		Date Analyzed: See Below		Analyst: See Below					
County: Yakima									
Sample Location: OF01				Invoice#: 1908					
Send Report To:			Sample Information						
Darigold Inc. Attn: Ron Phillips P.O. Box 876 Sunnyside, WA 98944			Matrix: Drinking Water						
DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
EPA REGULATED									
4	Arsenic	ND	mg/L	0.001	0.01	0.01	SM 3113B	11/04/15	BKO
5	Barium	ND	mg/L	0.1	2	2	SM 3113B	11/06/15	BKO
6	Cadmium	ND	mg/L	0.001	0.005	0.005	SM 3113B	11/06/15	BKO
7	Chromium	ND	mg/L	0.007	0.1	0.1	SM 3113B	11/04/15	BKO
11	Mercury	ND	mg/L	0.0002	0.002	0.002	EPA 245.1	11/03/15	EDGE
12	Selenium	ND	mg/L	0.002	0.05	0.05	SM 3113B	11/03/15	BKO
	Tin	ND	mg/L	0.0003	0.004	0.004	SM 3111B	11/03/15	BKO
111	Nickel	ND	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
	Cobalt	ND	mg/L	0.003	0.006	0.006	SM 3113B	11/06/15	BKO
113	Boron	ND	mg/L	0.002	0.002	0.002	EPA 200.9	11/06/15	BKO
116	Titanium	ND	mg/L	0.05	0.2	0.2	EPA 365.2	11/06/15	BKO
19	Fluoride	ND	mg/L	0.2	2	4	SM 4500F C	11/06/15	EDGE
114	Nitrite - N	ND	mg/L	0.5	0.5	1	EPA 353.2	10/28/15	GEH
20	Nitrate - N	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
161	Total Nitrate / Nitrite	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
EPA REGULATED (Secondary)									
8	Iron	ND	mg/L	0.1	0.3	0.3	SM 3111B	11/05/15	BKO
10	Manganese	ND	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
13	Silver	ND	mg/L	0.01	0.1	0.1	SM 3113B	11/06/15	EDGE
22	Sulfate	33.6	mg/L	10	250	250	EPA 375.4	11/02/15	BKO
24	Zinc	ND	mg/L	0.2	5	5	SM 3111B	11/05/15	BKO
STATE REGULATED (Primary)									
14	Sodium	14.3	mg/L	1			SM 3111B	11/05/15	BKO
16	Conductivity	132	µS/cm	1	700	700	SM 2510B	10/28/15	SLH
18									
26	Total Dissolved Solids	136	mg/L	10	500	500	SM 2540C	11/05/15	SLH



DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
STATE UNREGULATED									
9	Lead	ND	mg/L	0.002			SM 3113B	11/04/15	BKO
23	Copper	ND	mg/L	0.2			SM 3113B	10/28/15	BKO
OTHER (Optional)									
171	Orthophosphate	ND	mg/L	0.1			EPA 365.1	11/6/2015	BKO
172	Potassium	5.55	mg/L	1			SM 3113B	11/6/2015	BKO
402	Aluminum	ND	mg/L	0.05			SM 3113B	11/6/2015	BKO
403	Molybdenum	ND	mg/L	10			SM 3113B	11/6/2015	BKO
404	Magnesium	ND	mg/L	0.1			SM 3113B	11/6/2015	BKO
405	Calcium	ND	mg/L	0.5			SM 3113B	11/6/2015	BKO
406	Ammonia	2.09	mg/L	1			EPA 350.1	11/6/2015	BKO

Notes:

- SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).
- Trigger Level: DOH Drinking Water response level.
- MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.
- ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

Approved By: 



LabTest
 201 East D Street
 Yakima, WA 98901
 (509) 469 - TEST

Priority Pollutants

Date Collected: 10/28/15		
Lab/Sample No: 23030124		County: YAKIMA
Sample Location: OF02		
		Date Received: 10/28/15
		Date Reported: 11/06/15
		Sample Collected By: Ron Phillips
Send Report To:		SAMPLE COMMENTS Matrix: Waste Water
Darigold Inc. Attn: Ron Phillips P.O. Box 876 Sunnyside, WA 98944		

Priority Pollutants

DOH#	Analytes	Results	Units	MRL	Trigger	MCL	Method	Analyzed	Analyst
	pH	4.94	pH units				EPA 150.1	11/03/15	GEH
	Specific Conductance	2530	uS/cm				SM 2510B	11/03/15	GEH
	BOD	160	mg/L	1			SM 5210B	10/30/15	GEH
	COD	242	mg/L	1			WSM 5220B	10/30/15	BKO
	HEM (FOG)	49.1	mg/L				EPA 1664	11/06/15	GEH
	TOC	20	mg/L	0.5			SM 5310	11/05/15	BKO
	Sulfites	ND	mg/L				SM 4500-SO2	11/06/15	BKO
	Surfactants	1.6	mg/L				LAS	11/06/15	BKO
	Bromide	ND	mg/L				EPA 300.0	11/06/15	BKO
	TSS	58	mg/L				SM 2540D	11/05/15	GEH
	TDS	2928	mg/L				SM 2540C	11/05/15	GEH
	ortho-Phosphate	26.0	mg/L				EPA 365.1	11/06/15	BKO
	Total Phosphorus	29.6	mg/L				EPA 365.1	11/06/15	BKO
	Ammonia	19.7	mg/L				EPA 350.1	11/06/15	BKO
	TKN	97.9	mg/L				EPA 351.2	11/06/15	GEH
	Total Nitrogen	120	mg/L				SM-4500-N	11/06/15	GEH
	Dissolved Oxygen	5.28	mg/L				SM 4500-O	10/28/15	GEH
MICROBIOLOGY									
	Total Coliform Bacteria	>24192	MPN/100mL				SM 9223 B	10/28/15	BKO
	Fecal Coliform Bacteria	>24192	CFU/100mL				SM 9222 D	10/28/15	BKO
	<i>E. coli</i>	>24192	MPN/100mL				SM 9223 B	10/28/15	BKO

MRL (Method Reporting Level): Indicates the minimum reporting level required and obtained by the laboratory (MDL < MRL < SRL).
 Trigger: DOH Drinking Water response level. Public Systems in excess of this level must take additional samples. Recommended range on packages.
 MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.
 ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the MRL or SRL.

Approved By: 



INORGANIC CHEMICALS (IOC's) REPORT

Lab/Sample No: 23030124	Date Collected: 10/28/15	
Date Received: 10/28/15	Date Reported: 11/06/15	Supervisor: BKO
	Date Analyzed: See Below	Analyst: See Below
County: Yakima		Invoice#: 1908
Sample Location: OF02		Matrix: Drinking Water

Send Report To:
Darigold Inc.
 Attn: Ron Phillips
 P.O. Box 876
 Sunnyside, WA 98944

DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
EPA REGULATED									
4	Arsenic	ND	mg/L	0.001	0.01	0.01	SM 3113B	11/04/15	BKO
5	Barium	0.11	mg/L	0.1	2	2	SM 3113B	11/06/15	BKO
6	Cadmium	0.0052	mg/L	0.001	0.005	0.005	SM 3113B	11/06/15	BKO
7	Chromium	ND	mg/L	0.007	0.1	0.1	SM 3113B	11/04/15	BKO
11	Mercury	ND	mg/L	0.0002	0.002	0.002	EPA 245.1	11/03/15	EDGE
12	Selenium	0.0123	mg/L	0.002	0.05	0.05	SM 3113B	11/03/15	BKO
	Tin	ND	mg/L	0.0003	0.004	0.004	SM 3111B	11/03/15	BKO
111	Nickel	0.010	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
	Cobalt	ND	mg/L	0.003	0.006	0.006	SM 3113B	11/06/15	BKO
113	Boron	ND	mg/L	0.002	0.002	0.002	EPA 200.9	11/06/15	BKO
116	Titanium	ND	mg/L	0.05	0.2	0.2	EPA 365.2	11/06/15	BKO
19	Fluoride	ND	mg/L	0.2	2	4	SM 4500F C	11/06/15	EDGE
114	Nitrite - N	ND	mg/L	0.5	0.5	1	EPA 353.2	10/28/15	GEH
20	Nitrate - N	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
161	Total Nitrate / Nitrite	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
EPA REGULATED (Secondary)									
8	Iron	0.209	mg/L	0.1	0.3	0.3	SM 3111B	11/05/15	BKO
10	Manganese	0.0023	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
13	Silver	ND	mg/L	0.01	0.1	0.1	SM 3113B	11/06/15	EDGE
22	Sulfate	124	mg/L	10	250	250	EPA 375.4	11/02/15	BKO
24	Zinc	0.22	mg/L	0.2	5	5	SM 3111B	11/05/15	BKO
STATE REGULATED (Primary)									
14	Sodium	628	mg/L	1			SM 3111B	11/05/15	BKO
16	Conductivity	2530	µS/cm	1	700	700	SM 2510B	10/28/15	SLH
18									
26	Total Dissolved Solids	2928	mg/L	10	500	500	SM 2540C	11/05/15	SLH



DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
STATE UNREGULATED									
9	Lead	0.0128	mg/L	0.002			SM 3113B	11/04/15	BKO
23	Copper	ND	mg/L	0.2			SM 3113B	10/28/15	BKO
OTHER (Optional)									
171	Orthophosphate	26	mg/L	0.1			EPA 365.1	11/6/2015	BKO
172	Potassium	243	mg/L	1			SM 3113B	11/6/2015	BKO
402	Aluminum	ND	mg/L	0.05			SM 3113B	11/6/2015	BKO
403	Molybdenum	ND	mg/L	10			SM 3113B	11/6/2015	BKO
404	Magnesium	8.66	mg/L	0.1			SM 3113B	11/6/2015	BKO
405	Calcium	55.57	mg/L	0.5			SM 3113B	11/6/2015	BKO
406	Ammonia	19.7	mg/L	1			EPA 350.1	11/6/2015	BKO

Notes:

- SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).
- Trigger Level: DOH Drinking Water response level.
- MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.
- ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the SRL.

Approved By: 



LabTest
 201 East D Street
 Yakima, WA 98901
 (509) 469 - TEST

Priority Pollutants

Date Collected: 10/28/15		
Lab/Sample No: 23030125		County: YAKIMA
Sample Location: OF003		
		Date Received: 10/28/15
		Date Reported: 11/06/15
		Sample Collected By: Ron Phillips
Send Report To:		SAMPLE COMMENTS Matrix: Waste Water
Darigold Inc. Attn: Ron Phillips P.O. Box 876 Sunnyside, WA 98944		

Priority Pollutants

DOH#	Analytes	Results	Units	MRL	Trigger	MCL	Method	Analyzed	Analyst
	pH	5.61	pH units				EPA 150.1	11/03/15	GEH
	Specific Conductance	2380	uS/cm				SM 2510B	11/03/15	GEH
	BOD	230	mg/L	1			SM 5210B	10/30/15	GEH
	COD	410	mg/L	1			WSM 5220B	10/30/15	BKO
	HEM (FOG)	59.47	mg/L	1			EPA 1664	11/06/15	GEH
	TOC	18.4	mg/L	0.5			SM 5310	11/05/15	BKO
	Sulfites	ND	mg/L	2			SM 4500-SO2	11/06/15	BKO
	Surfactants	4.2	mg/L	1			LAS	11/06/15	BKO
	Bromide	ND	mg/L	5			EPA 300.0	11/06/15	BKO
	TSS	74	mg/L	1			SM 2540D	11/05/15	GEH
	TDS	15974	mg/L	1			SM 2540C	11/05/15	GEH
	ortho-Phosphate	28.6	mg/L	0.1			EPA 365.1	11/06/15	BKO
	Total Phosphorus	30.6	mg/L	0.1			EPA 365.1	11/06/15	BKO
	Ammonia	5.74	mg/L	0.05			EPA 350.1	11/06/15	BKO
	TKN	68.5	mg/L	0.1			EPA 351.2	11/06/15	GEH
	Total Nitrogen	150	mg/L	1			SM-4500-N	11/06/15	GEH
	Dissolved Oxygen	5.92	mg/L				SM 4500-O	10/28/15	GEH
MICROBIOLOGY									
	Total Coliform Bacteria	>24192	MPN/100mL				SM 9223 B	10/28/15	BKO
	Fecal Coliform Bacteria	>24192	CFU/100mL				SM 9222 D	10/28/15	BKO
	<i>E. coli</i>	>24192	MPN/100mL				SM 9223 B	10/28/15	BKO

MRL (Method Reporting Level): Indicates the minimum reporting level required and obtained by the laboratory (MDI < MRL < SRL).
Trigger: DOH Drinking Water response level. Public Systems in excess of this level must take additional samples. Recommended range on packages.
MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.
ND (Not Detected): Indicates this compound was analyzed and not detected at a level greater than or equal to the MRL or SRL.

Approved By: 



INORGANIC CHEMICALS (IOC's) REPORT

Lab/Sample No: 23030125		Date Collected: 10/28/15							
Date Received: 10/28/15		Date Reported: 11/06/15		Supervisor: BKO					
		Date Analyzed: See Below		Analyst: See Below					
County: Yakima									
Sample Location: OF003				Invoice#: 1908					
Send Report To:			Sample Information						
Darigold Inc. Attn: Ron Phillips P.O. Box 876 Sunnyside, WA 98944			Matrix: Drinking Water						
DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
EPA REGULATED									
4	Arsenic	ND	mg/L	0.001	0.01	0.01	SM 3113B	11/04/15	BKO
5	Barium	0.12	mg/L	0.1	2	2	SM 3113B	11/06/15	BKO
6	Cadmium	0.0053	mg/L	0.001	0.005	0.005	SM 3113B	11/06/15	BKO
7	Chromium	0.0097	mg/L	0.007	0.1	0.1	SM 3113B	11/04/15	BKO
11	Mercury	0.00092	mg/L	0.0002	0.002	0.002	EPA 245.1	11/03/15	EDGE
12	Selenium	0.0153	mg/L	0.002	0.05	0.05	SM 3113B	11/03/15	BKO
	Tin	ND	mg/L	0.0003	0.004	0.004	SM 3111B	11/03/15	BKO
111	Nickel	0.045	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
	Cobalt	ND	mg/L	0.003	0.006	0.006	SM 3113B	11/06/15	BKO
113	Boron	ND	mg/L	0.002	0.002	0.002	EPA 200.9	11/06/15	BKO
116	Titanium	ND	mg/L	0.05	0.2	0.2	EPA 365.2	11/06/15	BKO
19	Fluoride	ND	mg/L	0.2	2	4	SM 4500F C	11/06/15	EDGE
114	Nitrite - N	ND	mg/L	0.5	0.5	1	EPA 353.2	10/28/15	GEH
20	Nitrate - N	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
161	Total Nitrate / Nitrite	ND	mg/L	0.5	5	10	EPA 353.2	10/28/15	GEH
EPA REGULATED (Secondary)									
8	Iron	0.475	mg/L	0.1	0.3	0.3	SM 3111B	11/05/15	BKO
10	Manganese	0.0966	mg/L	0.01	0.05	0.05	SM 3113B	11/05/15	BKO
13	Silver	0.015	mg/L	0.01	0.1	0.1	SM 3113B	11/06/15	EDGE
22	Sulfate	73.5	mg/L	10	250	250	EPA 375.4	11/02/15	BKO
24	Zinc	0.0982	mg/L	0.2	5	5	SM 3111B	11/05/15	BKO
STATE REGULATED (Primary)									
14	Sodium	4380	mg/L	1			SM 3111B	11/05/15	BKO
16	Conductivity	2380	µS/cm	1	700	700	SM 2510B	10/28/15	SLH
26	Total Dissolved Solids	15974	mg/L	10	500	500	SM 2540C	11/05/15	SLH



WA-DOE Lab #1008

IOC'S REPORT Cont - Page 2

DOH#	Analytes	Results	Units	SRL	Trigger	MCL	Method	Analyzed	Analyst
STATE UNREGULATED									
9	Lead	0.243	mg/L	0.002			SM 3113B	11/04/15	BKO
23	Copper	ND	mg/L	0.2			SM 3113B	10/28/15	BKO
OTHER (Optional)									
171	Orthophosphate	28.6	mg/L	0.1			EPA 365.1	11/6/2015	BKO
172	Potassium	302	mg/L	1			SM 3113B	11/6/2015	BKO
402	Aluminum	0.092	mg/L	0.05			SM 3113B	11/6/2015	BKO
403	Molybdenum	11	mg/L	10			SM 3113B	11/6/2015	BKO
404	Magnesium	26.69	mg/L	0.1			SM 3113B	11/6/2015	BKO
405	Calcium	318	mg/L	0.5			SM 3113B	11/6/2015	BKO
406	Ammonia	5.74	mg/L	1			EPA 350.1	11/6/2015	BKO

Notes:

SRL (State Reporting Level): Indicates the minimum reporting level required by the Washington Department of Health (DOH).

Trigger Level: DOH Drinking Water response level.

MCL (maximum contaminant level): Highest level recommended by the federal government for public water systems.

Approved By: 

