



# Application for a State Waste Discharge Permit to Discharge Industrial Wastewater to a Publicly-Owned Treatment Works (POTW)

This application is for a state waste discharge permit for a discharge of industrial wastewater to a publicly-owned treatment works (POTW) as required by Chapter 90.48 RCW and Chapter 173-216 WAC. It is designed to provide Ecology with information on pollutants in the waste stream, materials that may enter the waste stream, and the flow characteristics of the discharge.

Ecology may request additional information to clarify the conditions of this discharge. The applicant should reference information previously submitted to Ecology that applies to this application in the appropriate section.

## SECTION A. GENERAL INFORMATION

1. Applicant Name: Real Greek LLC dba Ellenos
2. Facility Name: Ellenos Federal Way  
(if different from Applicant)
3. Applicant Mail Address: 34114 21st Avenue S  
Street  
Federal Way, WA 98003  
City/State Zip
4. Facility Location Address: \_\_\_\_\_  
(if different from 3 above) Street  
\_\_\_\_\_  
City/State Zip
5. UBI No. 603-218-115  
Sometimes called a registration, tax, "C," or resale number, the Unified Business Identifier (UBI) number is a nine-digit number used to identify persons engaging in business activities. The number is assigned when a person completes a [Master Business Application](#) to register with or obtain a license from state agencies. The Departments of Revenue, Licensing, Employment Security, Labor and Industries, and the Corporations Division of the Secretary of State are among the state agencies participating in the UBI program.
6. Latitude/longitude of the facility as decimal degrees (NAD83/WGS84):  
47.295659° N / 122.306642° W

FOR OFFICE USE ONLY		Check One: New/Renewal <input type="checkbox"/> Modification <input type="checkbox"/>	
Date Application Received _____	Date Fee Paid _____	Application/ Permit No. _____	Date Application Accepted _____

7. Person to contact who is familiar with the information contained in this application:

Brian Bright

Name

Facilities Maintenance Manager

Title

206 850 5889

Telephone number

brian@ellenos.com

Fax number

8. Check One:

☐

**Permit Renewal** (including renewal of temporary permits)

Does this application request a greater amount of wastewater discharge, a greater amount of pollutant discharge, or a discharge of different pollutants than specified in the last permit application for this facility? ☐ YES ☐ NO

For permit renewals, the current permit is an attachment, by reference, to this application.

☐

**Permit Modification**

☒

**Existing Unpermitted Discharge**

☐

**Proposed Discharge**

Anticipated date of discharge: \_\_\_\_\_

*I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and/or imprisonment for knowing violations.*

Signature\*

Date

C.E.O.  
Title

John Tucker

Printed Name

\*Applications must be signed as follows: corporations, by a principal executive officer of at least the level of vice-president; partnership, by a general partner; sole proprietorship, by the proprietor. If these titles do not apply to your organization, the person who makes budget decisions for this facility must sign the application.

The application signatory may delegate signature authority for submittals required by the permit, such as monthly reports, to a suitable employee. You can delegate this authority to a qualified individual or to a position, which you expect to fill with a qualified individual. If you wish to delegate signature authority, please complete the following:

Signature of delegated employee

Date

Plant Manager  
Title or function at the facility

Elias Kasem

Printed name

## SECTION B. PRODUCT INFORMATION

- Briefly describe all manufacturing processes and products, and/or commercial activities, at this facility. Provide the applicable Standard Industrial Category (SIC) and the North American Industry Classification System (NAICS) Code(s) for each activity (see *North American Industrial Classification System*, 2007 ed.). You can find the 1997 NAICS codes and the corresponding 1987 Standard Industry Category (SIC) codes at (<http://www.census.gov/epcd/naics/frames3.htm>).

Description: The facility produces dairy yogurt. Receive dairy ingredients (mixture of dairy solids and milk in liquid form), pasteurized onsite, cultured, dosed into 35lb pails to mature for 3 days, pails are mixed and packaged. Minor ingredients (fruit puree and grain) are added at the packaging stage.

The facility operates under NAICS code 311511 - Fluid Milk Manufacturing.

- List raw materials and products used at his facility:

Type	RAW MATERIALS	Quantity
<i>Grapes (Example)</i>		<i>1,000 tons per year</i>
Milk and Milk Solids		6,650,000 lbs per year
Fruit Puree		750,000 lbs per year
Cereal Topping		100,000 lbs per year
Type	PRODUCTS	Quantity
<i>Grape Juice(Example)</i>		<i>300,000 gallons per year</i>
Dairy Yogurt		7,500,000 lbs per year

## SECTION C. PLANT OPERATIONAL CHARACTERISTICS

1. For each process listed in B.1. that generates wastewater, list the process, assign the waste stream a name and an ID # and describe whether it is a batch or continuous flow.

Process	Waste Stream Name	Waste Stream ID#	Batch (B) or Continuous (C) Process
Equipment and Facility Cleaning	Wastewater to SS	1	C
Pump Cooling / Cooling Tower Blowdown	Wastewater to SS	2	C
Boiler Blowdown	Wastewater to SS	3	C
Sanitary Wastewater	Wastewater to SS	4	C

2. On a separate sheet, produce a schematic drawing showing production processes, water flow through the facility, wastewater treatment devices and waste streams as named above. The drawing should indicate the source of intake water and show the operations contributing wastewater to the effluent. The treatment units should be labeled. Construct a water balance by showing average flows between intakes, operations, treatment units, and points of discharge to the POTW. *(See the example on page 16 of this application form.)*
3. What is the maximum daily wastewater discharge flow? 42,000 gallons/day
- What is the maximum average monthly wastewater discharge flow (daily flows averaged over a month)? 40,000 gallons/day
4. Describe any planned wastewater treatment improvements or changes in wastewater disposal methods, and the schedule for these improvements. *(Use additional sheets, if necessary and label as attachment C4.)*
- Fixed leaks in cooling tower to eliminate use of cold water for product cooling. Improvement completed in mid-March 2022
  - Improved manufacturing method and schedule to reduce operations and cleanup activities by 1 day per week. This was effective 3-21-2022
  - Manufacturing method on cooking and pouring changed in April 2022 and reduced daily cleaning activities by an estimated 5% started.



5. If production processes are subject to seasonal variations, provide the following information. The combined value for each month should equal the estimated total monthly flow. Please indicate the proper flow unit by checking one of the following boxes:

☐ gallons per day

☐ gallons per month

☐ million gallons per month

Waste Stream ID#	MONTHS											
	J	F	M	A	M	J	J	A	S	O	N	D
<b>Estimated Total Monthly Flow (GPD)</b>												

6. How many hours a day does this facility typically operate? 17

How many days a week does this facility typically operate? 6

How many weeks per year does this facility typically operate? 52

7. List all incidental materials, such as oil, paint, grease, solvents, and cleaners, that are used or stored on site (*list only those with quantities greater than 10 gallons for liquids and 50 pounds for solids*). For solvents and solvent-based cleaners, include a copy of the material safety data sheet and estimate the quantity used. (*Use additional sheets, if necessary, and label as attachment C.7.*)

Materials/Quantity Stored: Please see Attachment C.7 below

- | 8. | Some types of facilities are required to have spill or waste control plans. Does this facility have:          | Yes                      | No                                  |
|----|---|--------------------------|-------------------------------------|
| a. | A spill prevention, control, and countermeasure plan (40 CFR 112)?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| b. | An Oil Spill Contingency Plan (chapter 173-182 WAC)?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. | An emergency response plan (per WAC 173-303-350)?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d. | A runoff, spillage, or leak control plan (per WAC 173-216-110(f))?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| e. | Any spill or pollution prevention plan required by local, state or federal authorities? If yes specify: _____ | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| f. | A solid waste control plan?   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g. | A Slug Discharge Control Plan (40 CFR 403.8(f)(2)(v))?  | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

## SECTION D. WATER CONSUMPTION AND WATER LOSS

1. Potable water source(s):

☒ ☐ Public System (Specify) Lakehaven Water and Sewer District  
☐ ☐ Private Well ☐ Surface Water

a. Water Right Permit Number: \_\_\_\_\_

- b. Legal Description of Water Source

\_\_\_\_\_  $\frac{1}{4}$ S, \_\_\_\_\_  $\frac{1}{4}$ E, \_\_\_\_\_, Section, \_\_\_\_\_ TWN, \_\_\_\_\_ R

2. Potable water use

- a. Indicate total water use \_\_\_\_\_

Gallons per day (average) 40,000

Gallons per day (maximum) 42,000

- b. Is water metered?

☒ YES ☐ NO

## SECTION E. WASTEWATER INFORMATION

1. How are the water intake and effluent flows measured?

Intake: Potable Water Meter

Effluent Not metered

2. Describe the collection method for the samples analyzed below. (*i.e.*, grab, 24-hour composite). Applicants must collect grab samples (not composites) for analysis of pH, temperature, cyanide, total phenols, residual chlorine, oil and grease, fecal coliform (including *E. coli*), and Enterococci (previously known as fecal streptococcus at § 122.26 (d)(2)(iii)(A)(3)), or volatile organics.

Samples were collected from treated wastewater prior to discharge. Samples for BOD, COD, TSS, O&G and conductivity were collected as time-weighted composite of 8 subsamples throughout one operational day (17 hours) spanning from May 10 to 11, 2022. DO and bacteria are from a grab sample at the end of the sampling period. pH is based on 15-minute readings from a continuous meter during periods when the discharge valve was open.

3. Has the effluent been analyzed for any other parameters than those identified in question E.4.? ☐ YES ☒ NO  
If yes, attach results and label as attachment E.4. This data must clearly show the date, method and location of sampling. (*Note: Ecology may require additional testing.*)

4. Provide measurements or range of measurements for treated wastewater prior to discharge to the POTW for the parameters with an “X” in the left column. If you obtain the application from the internet, contact Ecology’s regional office to see if testing for a subset of these parameters is permissible. All analyses (except pH) must be conducted by a laboratory registered or accredited by Ecology (WAC 173-216-125). If this is an application for permit renewal, provide data for the last year for those parameters that are routinely measured. For parameters measured only for this application, place the values under “Maximum.” Report the values with units as specified in the parameter name or in the detection level.

The Permittee must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table unless Ecology approves an alternate method or the method used produces measurable results in the sample and EPA has listed it as an EPA approved method in 40 CFR Part 136. If the Permittee uses an alternative method as allowed above, it must report the test method, DL, and QL on the discharge monitoring report or in the required report.

\* Average pH based on converting individual pH measurements to hydrogen ion concentrations [H<sup>+</sup>], averaging the hydrogen ion concentrations, then converting back to pH as -log [H<sup>+</sup>]

X	Parameter	Measurement Values			Number of Analyses	Analytical Method Std. Methods 19 <sup>th</sup> ,20 <sup>th</sup> edition or EPA	Detection Limit/Quantitation Level
		Minimum	Maximum	Average			
X	BOD (5 day)		2420		1	SM 5210 B	/2 mg/l
X	COD		4090		1	SM 5220 D	/10 mg/l
X	Total suspended solids		235		1	SM 2540 D	/5 mg/l
	Fixed Dissolved Solids					SM 2540 E	
X	Total dissolved solids		2050		1	SM 2540 C	
X	Conductivity (micromhos/cm)		1260		1	SM 2510 B	
	Ammonia-N as N					SM 4500-NH <sub>3</sub> C	/0.3 mg/L
X	pH	9.81	5.6	6.14 *	39	SM 4500-H	0.1 standard units
X	Fecal coliform (organisms/100 mL)		370		1	SM 9221 E or 9222 D	
X	Total coliform (organisms/100 mL)		10 U		1	SM 9221 B or 9222 B	
X	Dissolved oxygen		9.86		1	SM 4500-O C/G	
	Nitrate + nitrite-N as N					SM 4500-NO <sub>3</sub> E	100 µg/L
	Total kjeldahl N as N					SM 4500-N <sub>org</sub> C/E/FG	300 µg/l
	Ortho-phosphate-P as P					SM 4500-P E/F	10 µg/l
	Total-phosphorous-P as P					SM 4500-P E/P/F	10 µg/l
X	Total Oil & grease		254		1	EPA 1664A	1.4/5 mg/l
	NWTPH - Dx					Ecology NWTPH Dx	250/250 µg/l
	NWTPH - Gx					Ecology NWTPH Gx	250/250 µg/l
	Calcium					EPA 200.7	10 µg/l
	Chloride					SM 4500-Cl C	0.15 µg/l
	Fluoride					SM 4500-F E	.025/0.1 mg/l
	Magnesium					EPA 200.7	10/50 µg/l
	Potassium					EPA 200.7	700/ µg/l
	Sodium					EPA 200.7	29/ µg/l
	Sulfate					SM 4500-SO <sub>4</sub> C/D	/200 µg/l

X	Parameter	Measurement Values			Number of Analyses	Analytical Method Std. Methods 19 <sup>th</sup> , 20 <sup>th</sup> edition or EPA	Detection Limit/Quantitation Level
		Minimum	Maximum	Average			
	Arsenic(total)					EPA 200.8	0.1/0.5 µg/l
	Barium (total)					EPA 200.8	0.5/2 µg/l
	Cadmium (total)					EPA 200.8	.05/.25 µg/l
	Chromium (total)					EPA 200.8	0.2/1 µg/l
	Copper (total)					EPA 200.8	0.4/2 µg/l
	Lead (total)					EPA 200.8	0.1/.5 µg/l
	Mercury (total) pg/L					EPA 1631E	0.2/0.5 pg/l
	Molybdenum(total)					EPA 200.8	0.1/0.5 µg/l
	Nickel(total)					EPA 200.8	0.1/0.5 µg/l
	Selenium (total)					EPA 200.8	1/1 µg/l
	Silver (total)					EPA 200.8	.04/.2 µg/l
	Zinc (total)					EPA 200.8	0.5/2.5 µg/l

6. Does this facility use any of the following chemicals as raw materials or produce them as part of the manufacturing process, or are they present in the wastewater? ☐ YES ☒ NO

*(The number in the column next to the chemical name is the Chemical Abstract Service (CAS) reference number to aid in identifying the compound.)*

If yes, specify how the chemical is used and the quantity used or produced:

METALS, CYANIDE & TOTAL PHENOLS			
Antimony, Total	7440-36-0	Nickel, Total	7440-02-0
Arsenic, Total	7440-38-2	Selenium, Total	7782-49-2
Beryllium, Total	7440-41-7	Silver, Total	7440-22-4
Cadmium, Total	7440-43-9	Thallium, Total	7440-28-0
Chromium (hex) dissolved	18540-29-9	Zinc, Total	7440-66-6
Chromium, Total	7440-47-3		
Copper, Total	7440-50-8	Cyanide, Total	57-12-5
Lead, Total	7439-92-1	Cyanide, Weak Acid Dissociable	
Mercury, Total	7439-97-6)	Phenols, Total	

PESTICIDES			
Aldrin	309-00-2	Endrin	72-20-8
alpha-BHC	319-84-6	Endrin Aldehyde	7421-93-4
beta-BHC	319-85-7	Heptachlor	76-44-8
gamma-BHC	58-89-9	Heptachlor Epoxide	1024-57-3
delta-BHC	319-86-8	PCB-1242	53469-21-9
Chlordane	57-74-9	PCB-1254	11097-69-1
4,4'-DDT	50-29-3	PCB-1221	11104-28-2
4,4'-DDE	72-55-9	PCB-1232	11141-16-5
4,4' DDD	72-54-8	PCB-1248	12672-29-6
Dieldrin	60-57-1	PCB-1260	11096-82-5
alpha-Endosulfan	959-98-8	PCB-1016	12674-11-2
beta-Endosulfan	33213-65-9	Toxaphene	8001-35-2
Endosulfan Sulfate	1031-07-8		

VOLATILE COMPOUNDS			
Acrolein	107-02-8		
Acrylonitrile	107-13-1	1,1-Dichloroethylene	75-35-4
Benzene	71-43-2	1,2-Dichloropropane	78-87-5
Bromoform	75-25-2	1,3-dichloropropene (mixed isomers) (1,2-dichloropropylene)	542-75-6
Carbon tetrachloride	56-23-5	Ethylbenzene	100-41-4
Chlorobenzene	108-90-7	Methyl bromide (Bromomethane)	74-83-9
Chloroethane	75-00-3	Methyl chloride (Chloromethane)	74-87-3
2-Chloroethylvinyl Ether	110-75-8	Methylene chloride	75-09-2
Chloroform	67-66-3	1,1,2,2-Tetrachloroethane	79-34-5
Dibromochloromethane	124-48-1	Tetrachloroethylene	127-18-4
1,2-Dichlorobenzene	95-50-1	Toluene (108-88-3)	
1,3-Dichlorobenzene	(541-73-1)	1,2-Trans-Dichloroethylene (Ethylene dichloride)	156-60-5
1,4-Dichlorobenzene	106-46-7	1,1,1-Trichloroethane	71-55-6
Dichlorobromomethane	75-27-4	1,1,2-Trichloroethane	79-00-5
1,1-Dichloroethane	75-34-3	Trichloroethylene	79-01-6
1,2-Dichloroethane	107-06-2	Vinyl chloride	75-01-4



ACID COMPOUNDS			
2-Chlorophenol	95-57-8	4-nitrophenol	100-02-7
2,4-Dichlorophenol	120-83-2	Parachlorometa cresol (4-chloro-3-methylphenol)	59-50-7
2,4-Dimethylphenol	105-67-9	Pentachlorophenol	87-86-5
4,6-dinitro-o-cresol (2-methyl-4,6,-dinitrophenol)	534-52-1	Phenol	108-95-2
2,4 dinitrophenol	51-28-5	2,4,6-Trichlorophenol	88-06-2
2-Nitrophenol	88-75-5		

BASE/NEUTRAL COMPOUNDS (compounds in bold are Ecology PBTs)			
Acenaphthene	83-32-9	3,3-Dichlorobenzidine	91-94-1
Acenaphthylene	208-96-8	Diethyl phthalate	84-66-2
Anthracene	120-12-7	Dimethyl phthalate	131-11-3
Benzidine	92-87-5	Di-n-butyl phthalate)	84-74-2
Benzyl butyl phthalate	85-68-7	2,4-dinitrotoluene	121-14-2
Benzo( <b>a</b> )anthracene	56-55-3	2,6-dinitrotoluene	606-20-2
Benzo(b)fluoranthene (3,4-benzofluoranthene)	205-99-2	Di-n-octyl phthalate	117-84-0
<b>Benzo(j)fluoranthene</b>	<b>205-82-3</b>	1,2-Diphenylhydrazine ( <b>aS</b> <b>Azobenzene</b> )	122-66-7
Benzo(k)fluoranthene (11,12-benzofluoranthene)	207-08-9	Fluoranthene	206-44-0
<b>Benzo(r,s,t)pentaphene</b>	<b>189-55-9</b>	Fluorene	86-73-7
Benzo( <b>a</b> )pyrene	50-32-8	Hexachlorobenzene	118-74-1
Benzo( <b>ghi</b> )Perylene	191-24-2	Hexachlorobutadiene	87-68-3
Bis(2-chloroethoxy)methane	111-91-1	Hexachlorocyclopentadiene	77-47-4
Bis(2-chloroethyl)ether	111-44-4	Hexachloroethane	67-72-1
Bis(2-chloroisopropyl)ether	39638-32-9	Indeno(1,2,3-cd)Pyrene	193-39-5
Bis(2-ethylhexyl)phthalate	117-81-7	Isophorone	78-59-1
4-Bromophenyl phenyl ether	101-55-3	<b>3-Methyl cholanthrene</b>	<b>56-49-5</b>
2-Chloronaphthalene	91-58-7	Naphthalene	91-20-3
4-Chlorophenyl phenyl ether	7005-72-3	Nitrobenzene	98-95-3
Chrysene	218-01-9	N-Nitrosodimethylamine	62-75-9
<b>Dibenzo (a,j)acridine</b>	<b>224-42-0</b>	N-Nitrosodi-n-propylamine	621-64-7
<b>Dibenzo (a,h)acridine</b>	<b>226-36-8</b>	N-Nitrosodiphenylamine	86-30-6
Dibenzo(a- <i>h</i> )anthracene (1,2,5,6-dibenzanthracene)	53-70-3	<b>Perylene</b>	<b>198-55-0</b>
Dibenzo(a,e)pyrene	192-65-4	Phenanthrene	85-01-8
Dibenzo(a,h)pyrene	189-64-0	Pyrene	129-00-0
		1,2,4-Trichlorobenzene	120-82-1

7. Are any other pesticides, herbicides or fungicides used at this facility? ☒ YES ☐ NO

If yes, specify the material and quantity used:

- Contrac All-Weather Blox (Bromadiolone) 0.0065 block / month
- Advion Ant Gel Bait – as needed 10 grams

8. Are there other pollutants that you know of or believe to be present? ☐ YES ☒ NO

If yes, specify the pollutants and their concentration if known  
(attach laboratory analyses if available as Attachment E8):

9. Is the wastewater being discharged, or proposed for discharge, to the POTW designated as a dangerous waste according to the procedures in Chapter 173-303 WAC?

☐ YES ☒ NO ☐ DON'T KNOW

10. If the answer to question 9 above is yes, how did the waste designate as a dangerous waste (check appropriate box)?

For Listed and TCLP Characteristic Wastes only, also provide the Dangerous Waste Number(s).

**Listed Waste** ☐ Dangerous Waste Number(s) \_\_\_\_\_

**Characteristic Wastes** Dangerous Waste Number(s) \_\_\_\_\_

Ignitable ☐

Reactive ☐

Corrosive ☐

TCLP ☐

**State Only Dangerous Wastes** Dangerous Waste Number(s) \_\_\_\_\_

Toxicity ☐

Persistent ☐

For questions about waste designation under the *Dangerous Waste Regulations*, Chapter 173-303 WAC, contact Ecology's Hazardous Waste and Toxics Program at:

Northwest Regional Office - Bellevue	(425) 649-7000
Southwest Regional Office - Lacey	(360) 407-6300
Central Regional Office - Yakima	(509) 575-2490
Eastern Regional Office - Spokane	(509) 329-3400

## SECTION F. SEWER INFORMATION

1. Is an inspection and sampling manhole or similar structure available on-site? ☒ YES ☐ NO  
*If yes, attach a map or hand drawing of the facility that shows the location of these structures  
(Label as attachment F1 or this may be combined with map in H8, if H8 is applicable to your  
facility.)*

## **SECTION G. OTHER PERMITS**

1. List all environmental control permits or approvals needed for this facility; for example, air emission permits.

Conditional No Exposure (CNE) Exemption application pending for stormwater.

No other environmental control permits are required for this facility

.

## SECTION H. STORMWATER

1. Do you have coverage under the Washington State Industrial Stormwater NPDES General Permit? ☐ YES ☒ NO

If yes, please list the permit number here. CNE application #2305 pending

- If no, have you applied for a Washington State Stormwater Industrial Stormwater General Permit? ☐ YES ☒ NO

If you answered no to both questions above, complete the following questions 2 through 5.

2. Does your facility discharge stormwater: *(Check all that apply)*

☒ To storm sewer system *(provide name of storm sewer system operator: City of Federal Way)*

☐ Directly to any surface waters of Washington State *(e.g., river, lake, creek, estuary, ocean).*

Specify waterbody name(s) \_\_\_\_\_

☐ Indirectly to surface waters of Washington State *(i.e., flows over adjacent properties first).*

☐ To a Sanitary Sewer

☐ Directly to ground waters of Washington State via:

☐ Dry well

☐ Drainfield

☐ Other

3. Areas with industrial activities at facility: *(check all that apply)*

☐ Manufacturing Building

☒ Material Handling

☐ Material Storage

☐ Hazardous Waste Treatment, Storage, or Disposal *(Refers to RCRA, Subtitle C Facilities Only)*

☐ Waste Treatment, Storage, or Disposal

☐ Application or Disposal of Wastewaters

☐ Storage and Maintenance of Material Handling Equipment

☐ Vehicle Maintenance

☐ Areas Where Significant Materials Remain

☐ Access Roads and Rail Lines for Shipping and Receiving

☐ Other (please specify): \_\_\_\_\_

4. Material handling/management practices

a. Types of materials handled and/or stored outdoors: *(check all that apply)*

- |  |   |
|--|---|
| <input type="checkbox"/> Solvents                            | <input type="checkbox"/> Hazardous Wastes   |
| <input type="checkbox"/> Scrap Metal                         | <input checked="" type="checkbox"/> Acids or Alkalies                                 |
| <input type="checkbox"/> Petroleum or Petrochemical Products | <input type="checkbox"/> Paints/Coatings  |
| <input type="checkbox"/> Plating Products                    | <input type="checkbox"/> Woodtreating Products  |
| <input type="checkbox"/> Pesticides                          | <input checked="" type="checkbox"/> Other <i>(please list)</i> : <u>Food products</u> |

b. Identify existing management practices employed to reduce pollutants in industrial stormwater discharges: *(check all that apply)*

- |   |   |
|---|---|
| <input type="checkbox"/> Oil/Water Separator          | <input type="checkbox"/> Detention Facilities               |
| <input checked="" type="checkbox"/> Containment       | <input type="checkbox"/> Infiltration Basins                |
| <input type="checkbox"/> Spill Prevention             | <input type="checkbox"/> Operational BMPs                   |
| <input type="checkbox"/> Surface Leachate Collection  | <input type="checkbox"/> Vegetation Management              |
| <input checked="" type="checkbox"/> Overhead Coverage | <input type="checkbox"/> Other <i>(please list)</i> : _____ |

5. Attach a facility site map showing stormwater drainage/collection areas, disposal areas and discharge points. This may be a hand-drawn map if no other site map is available *(See example on page 16 of this application)*. Label this as attachment H.5.

## SECTION I. OTHER INFORMATION

1. Describe liquid wastes or sludges being generated by your facility that are not disposed of in the waste stream(s) and how they are being disposed of. For each type of waste, provide type of waste and the name, address, and phone number of the hauler.

Excess yogurt is disposed at a digester by Edaleen Dairy for power generation. Contact information is: 9409 Depot Road, Lynden, Washington 98264, (360-354-3428)

Municipal solid waste is hauled offsite by Waste Management for disposal.

Cardboard is recycled offsite by International Paper.

2. Describe storage areas for raw materials, products, and wastes.

Raw materials: milk and milk solids are received in 300-gallon totes that are stored indoors in refrigerated storage. Purees are received in 30 lb pails and stored in refrigerated storage. Cereals are stored in 20 lb boxes in dry warehouse.

Finished products are stored in cases of individual containers in refrigerated storage prior to shipping offsite.

Cleaning products are stored indoors in containers of various sizes (e.g., totes, drums, pails).

Wastes: Excess yogurt is stored in a tote in refrigerated storage until picked up for disposal. Municipal solid waste is in a two dumpsters with lids stored outside. Cardboard is compacted and stored in a rolloff outside for recycling.

3. Have you designated the wastes described above according to the applicable ☒ YES ☐ NO procedures of Dangerous Waste Regulations, Chapter 173-303 WAC?



## SECTION J. CERTIFICATIONS

### 1. Approval by Publicly-Owned Treatment Works [required by WAC 173-216-070(4)(b)]

*I approve of the discharge as described in this application. The applicant is:*

(Please check the appropriate box below.)

☒ ☐ ☐ A Significant Industrial User (see Definitions at the end of this Section)

☐ ☐ ☐ A Categorical Industrial User

☐ ☐ ☐ Neither of the above

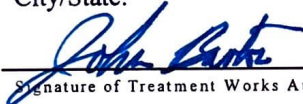
Name and location of sewer system to which this project will be tributary:

Lakehaven Water and Sewer District

Treatment Works Owner: Lakehaven Water and Sewer District - Lakota WWTP

Street: 3203 SW Dash Point Rd

City/State: Federal Way Zip: 98023

  
Signature of Treatment Works Authority

6/28/22  
Date

WW Operations Manager  
Title

John Barton  
Printed Name

### 2. Application review by Intermediate Sewer Owner at point of discharge (if applicable)

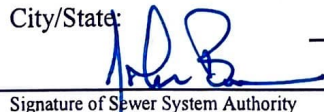
*I hereby acknowledge that I have reviewed the application for discharge to this sewer system.*

Name and location of sewer system to which this project will be tributary:

Sewer System Owner: Lakehaven Water and Sewer District

Street: 31627 1st Ave South

City/State: Federal Way, WA Zip: 98003

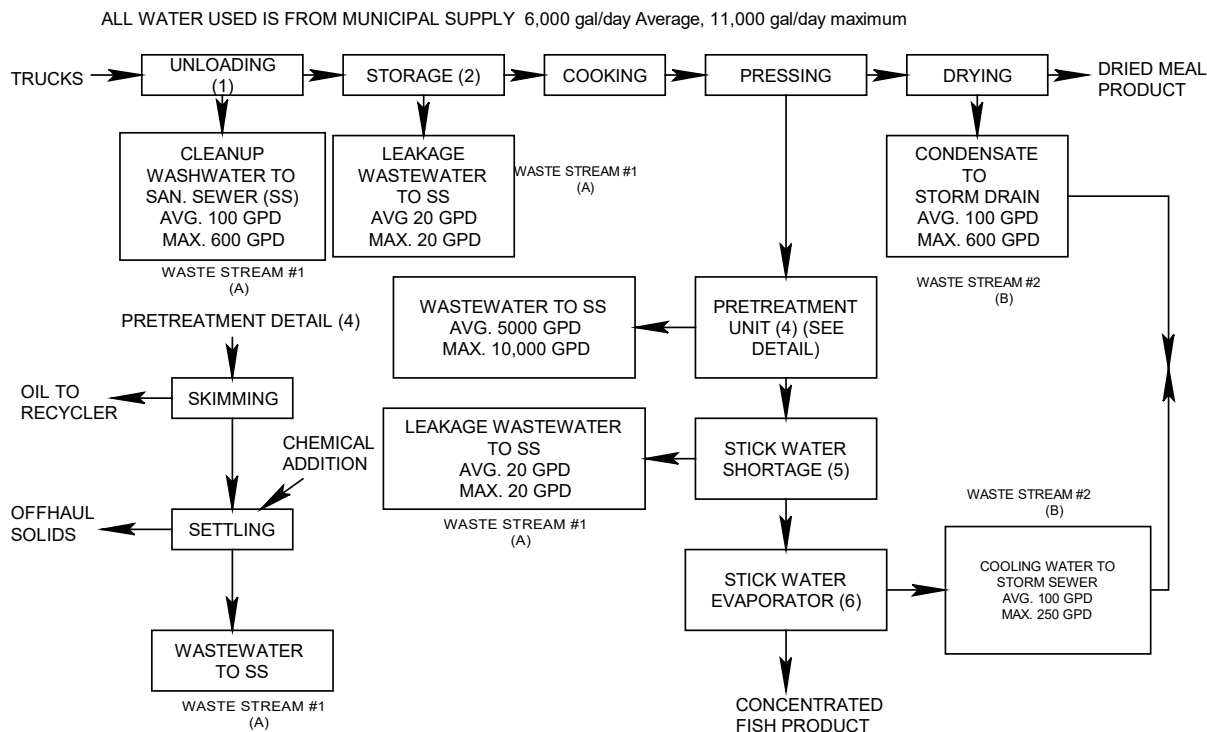
  
Signature of Sewer System Authority

6/24/22  
Date

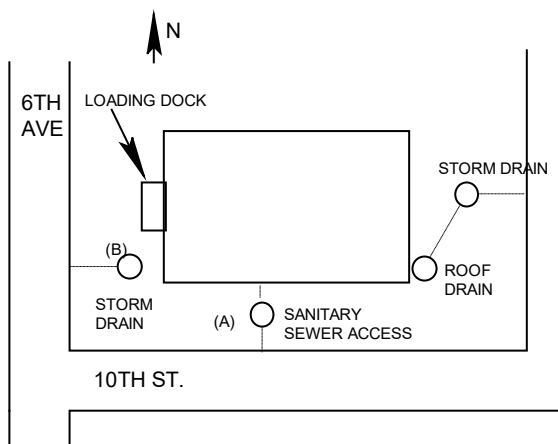
General Manager  
Title

John Bowman  
Printed Name

## Example 1 for application section C.2. (SCHEMATIC DIAGRAM)



## Example 2 for application section F1 or H8 (FACILITY SITE MAP)



## DEFINITIONS

### Significant Industrial User (SIU)--

- 1) All industrial users subject to Categorical Pretreatment Standards under 40 CFR 403.6 and 40 CFR Chapter I, Subchapter N; and
- 2) Any other industrial user that: discharges an average of 25,000 gallons per day or more of process wastewater to the POTW (excluding sanitary, noncontact cooling, and boiler blow-down wastewater); contributes a process wastestream that makes up 5 percent or more of the average dry weather hydraulic or organic capacity of the POTW treatment plant; or is designated as such by the Control Authority on the basis that the industrial user has a reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement (in accordance with 40 CFR 403.8(f)(6)).

Upon finding that the industrial user meeting the criteria in paragraph 2, above, has no reasonable potential for adversely affecting the POTW's operation or for violating any pretreatment standard or requirement, the Control Authority may at any time, on its own initiative or in response to a petition received from an industrial user or POTW, and in accordance with 40 CFR 403.8(f)(6), determine that such industrial user is not a significant industrial user.

**Control Authority** - means the Washington State Department of Ecology in the case of non-delegated POTWs or means the POTW in the case of delegated POTWs.

**Categoric Industrial User (CIU):** An industrial user subject to national categorical pretreatment standards promulgated by EPA (40 CFR 403.6 and 40 CFR parts 405-471).

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### Summary of Attachments That May be Required for This Application:

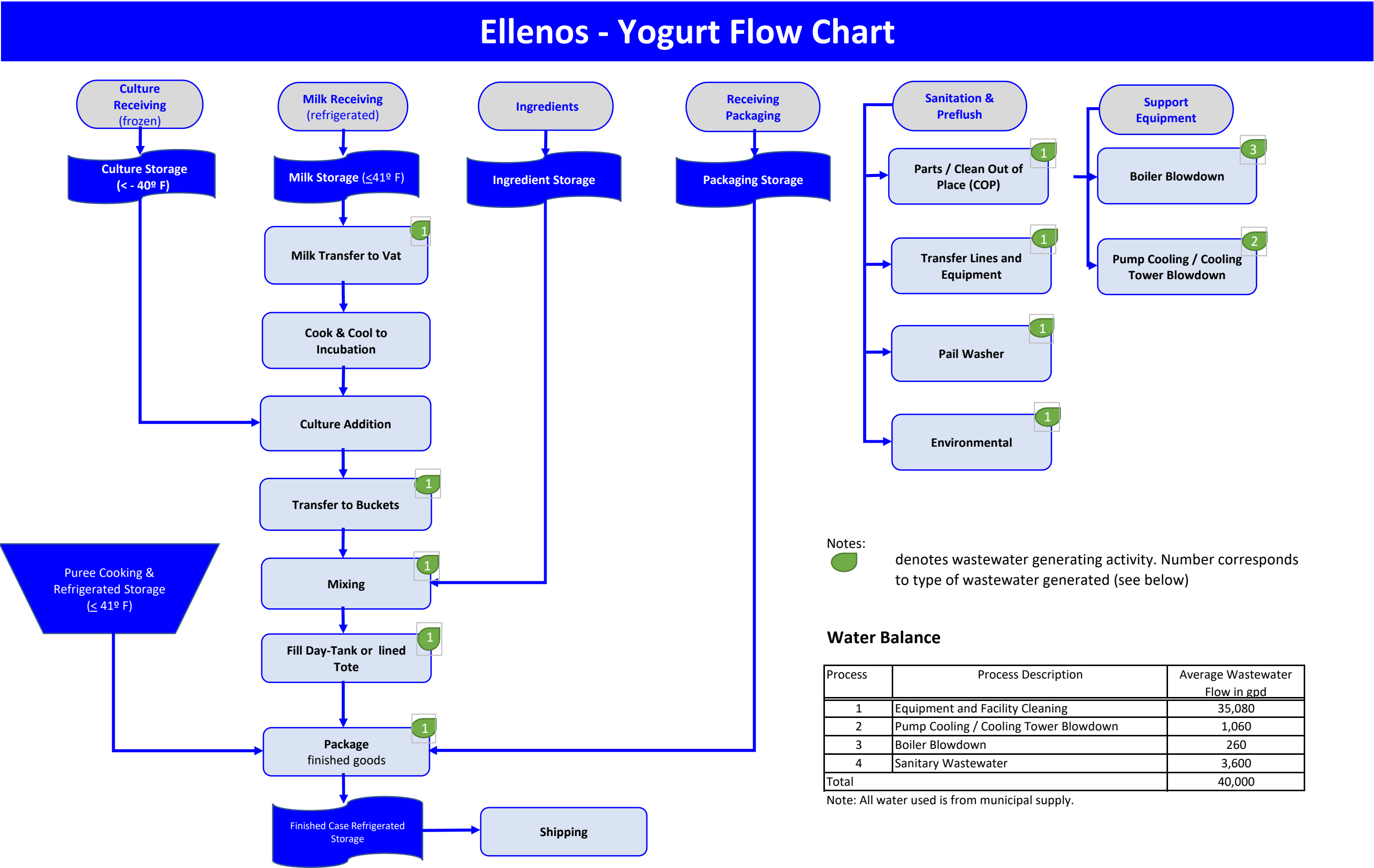
*(Please check those attachments that are included)*

- |                                     |                          |      |   |
|-------------------------------------|--------------------------|------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | C.2. | Production schematic flow diagram and water balance |
| <input type="checkbox"/>            | <input type="checkbox"/> | C.4. | Wastewater treatment improvements                   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | C.7. | Additional incidental materials                     |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | E.8. | Additional results of effluent testing              |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | F.1. | Facility site map                                   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | H.5. | Stormwater drainage map                             |

*If you need this document in a format for the visually impaired, call the Water Quality Program at 360-407-6600. Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.*

## **ATTACHMENT C.2**

### **Production Schematic Flow Diagram and Water Balance**



Notes:

- denotes wastewater generating activity. Number corresponds to type of wastewater generated (see below)

Water Balance

Process	Process Description	Average Wastewater Flow in gpd
1	Equipment and Facility Cleaning	35,080
2	Pump Cooling / Cooling Tower Blowdown	1,060
3	Boiler Blowdown	260
4	Sanitary Wastewater	3,600
Total		40,000

Note: All water used is from municipal supply.

## **ATTACHMENT C.7**

### **Additional Incidental Materials**

Attachment 7.C

Chemical	Classification	Quantity Stored
F-204	Diethylene Glycol Butle Ether	110 gallons
F-120	Sodium Metasilicate	110 gallons
HLC-5000	Sodium Hydroxide	165 gallons
HDA-2500	Nitric/Phosphoric Acid	165 gallons
LIME Sol	Phosphoric Acid	110 gallons
Enviroguard Sanitizer	Hydrogen Peroxide	440 gallons
F-29	Ammonium Chloride	165 gallons
Hand San	Ethanol	27 gallons
Devere	Peroxide	165 gallons
Pure	Citric Acid	165 gallons
Mid Defome FG	Silocone	60 gallons
Powerfoam ALS	Chlorine	165 gallons
F-364	Sodium Hydroxide	55 gallons
Conserve 65	Sodium Metasulfite	110 gallons
Conserve 67	Polyethylene Glycol	55 gallons
Security Floor Treatment	Alkali-Peroxide Powder	55 pounds
Scale Off II	Sodium EDTA	55 gallons
BCDMH1	Bromine	45 gallons
Clean and Protest Salt	Salt	1200 pounds
pH Control - Caustic	Sodium Hydroxide	420 gallons
control - S 75	Sulfuric Acid	55 gallons
Saverite 95	Sodium Nitrite	35 gallons
Saverite BWT 114	Amomum Hydroxide	70 gallons
Saverite BWT 3190 BFC+	Potassium hydroxide	35 gallons
8Saverite BWT 600L	Sodium Hydroxide	65 gallons
Saverite 815 LNE	Sodium Bisulfite	55 gallons
Saverite CTT 9120 H	Potassium Hydroxide	65 gallons
Oxine	Sodium Hypochlorite	33 gallons



## **ATTACHMENT E.8**

### **Additional Results of Effluent Testing**



**Analytical Resources, LLC**  
Analytical Chemists and Consultants

10 June 2022

Owen Reese  
Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle, WA 98104

RE: Real Greek Water Quality

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)  
22E0181

Associated SDG ID(s)  
N/A

-----

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



# Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: <b>22E0181</b>	Turn-around Requested:	Page: _____ of _____
ARI Client Company: <b>Real Greenz</b>	Phone: <b>(480) 601 7251</b>	Date: _____ Ice Present? <input type="checkbox"/>
Client Contact: <b>Elias Kasem</b>	No. of Coolers: _____ Cooler Temps: _____	



Analytical Resources, LLC  
Analytical Chemists and Consultants  
4611 South 134th Place, Suite 100  
Tukwila, WA 98168  
206-695-6200 206-695-6201 (fax)

Client Project Name:					Analysis Requested								Notes/Comments			
Client Project #:	Samplers:				BOD	FOG	COD	Amid	TDS	TSS	T.Coli	F.Coli				
Sample ID	Date	Time	Matrix	No. Containers												
#1	5-11-22	1257		1	X	X	X	X	X	X	X	X				
#2	5-11-22			1	X	X	X	X	X	X	X	X				
#3	5-11-22			1	X	X	X	X	X	X	X	X				
#4	5-11-22			1	X	X	X	X	X	X	X	X				
#5	5-11-22			1	X	X	X	X	X	X	X	X				
#6	5-11-22			1	X	X	X	X	X	X	X	X				
#7	5-11-22			1	X	X	X	X	X	X	X	X				
#8	5-11-22			1	X	X	X	X	X	X	X	X				
Comments/Special Instructions					Relinquished by: (Signature) <i>[Signature]</i> Printed Name: <b>Chas Mortimer</b> Company: <b>Ellenos Real Greenz</b> Date & Time: <b>5-11-22 1:30pm</b>				Received by: (Signature) <i>[Signature]</i> Printed Name: <b>Shelly L Fisher</b> Company: <b>ARI</b> Date & Time: <b>05/11/2022 1330</b>				Relinquished by: (Signature) _____ Printed Name: _____ Company: _____ Date & Time: _____			

**Limits of Liability:** ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

**Sample Retention Policy:** All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Composite Sample #1-8	22E0181-01	Water	11-May-2022 12:57	11-May-2022 13:30
Grabs #1-8	22E0181-02	Water	11-May-2022 12:57	11-May-2022 13:30



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

## **Work Order Case Narrative**

**Client:** Aspect Consulting, LLC.  
**Project:** Real Greek Water Quality  
**Work Order:** 22E0181

### **Revised Report - June 10, 2022**

This report was revised correcting Chemical Oxygen Demand data. The volume used was entered in error and was off by a factor of 10.

### **Sample receipt**

Sample(s) as listed on the preceding page were received 11-May-2022 13:30 under ARI work order 22E0181. For details regarding sample receipt, please refer to the Cooler Receipt Form.

### **Wet Chemistry**

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits except Total Dissolved Solids. All samples with contain analyte have been flagged with a "B" qualifier.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.





Analytical Resources, LLC  
Analytical Chemists and Consultants

# Cooler Receipt Form

ARI Client: Real Greek / Aspect

Project Name: Real Greek

COC No(s): \_\_\_\_\_ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: \_\_\_\_\_

Assigned ARI Job No: 22E0181

Tracking No: \_\_\_\_\_ NA

## Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? \_\_\_\_\_

YES NO

Were custody papers included with the cooler? \_\_\_\_\_

YES NO

Were custody papers properly filled out (ink, signed, etc.) \_\_\_\_\_

YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1330

3.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 5009708

Cooler Accepted by: [Signature]

Date: 05/11/2022

Time: 1330

**Complete custody forms and attach all shipping documents**

## Log-In Phase:

Was a temperature blank included in the cooler? \_\_\_\_\_

YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: \_\_\_\_\_

Was sufficient ice used (if appropriate)? \_\_\_\_\_

NA YES NO

How were bottles sealed in plastic bags? \_\_\_\_\_

Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? \_\_\_\_\_

YES NO

Were all bottle labels complete and legible? \_\_\_\_\_

YES NO

Did the number of containers listed on COC match with the number of containers received? \_\_\_\_\_

YES NO

Did all bottle labels and tags agree with custody papers? \_\_\_\_\_

YES NO

Were all bottles used correct for the requested analyses? \_\_\_\_\_

YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...

NA YES NO

Were all VOC vials free of air bubbles? \_\_\_\_\_

NA YES NO

Was sufficient amount of sample sent in each bottle? \_\_\_\_\_

YES NO

Date VOC Trip Blank was made at ARI: \_\_\_\_\_

NA

Were the sample(s) split by ARI? NA YES

Date/Time: \_\_\_\_\_

Equipment: \_\_\_\_\_

Split by: \_\_\_\_\_

Samples Logged by: [Signature]

Date: 05/11/2022

Time: 1604

Labels checked by: SLF

**\*\* Notify Project Manager of discrepancies or concerns \*\***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

## Additional Notes, Discrepancies, & Resolutions:

Logged 1-8 as one composite and one grab (Coli's : Fox)

By: [Signature]

Date: 05/12 05/11/2022

SLF 05/11/2022



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Composite Sample #1-8**  
**22E0181-01 (Water)**

**Wet Chemistry**

Method: SM 2510 B-97

Sampled: 05/11/2022 12:57

Instrument: Orion115 Analyst: DOE

Analyzed: 05/27/2022 13:30

**Analysis by: Analytical Resources, LLC**

Sample Preparation:

Preparation Method: No Prep Wet Chem

Extract ID: 22E0181-01 B

Preparation Batch: BKE0747

Sample Size: 50 mL

Prepared: 05/27/2022

Final Volume: 50 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Conductivity		1	1.00	1.00	1260	µS/cm	





Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Composite Sample #1-8**  
**22E0181-01 (Water)**

**Wet Chemistry**

Method: SM 2540 C-97

Sampled: 05/11/2022 12:57

Instrument: BAL2 Analyst: DOE

Analyzed: 05/13/2022 09:10

**Analysis by: Analytical Resources, LLC**

Sample Preparation:

Preparation Method: No Prep Wet Chem

Extract ID: 22E0181-01

Preparation Batch: BKE0345

Sample Size: 75 mL

Prepared: 05/13/2022

Final Volume: 200 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Dissolved Solids		1	13	13	2050	mg/L	B



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Composite Sample #1-8**  
**22E0181-01 (Water)**

**Wet Chemistry**

Method: SM 2540 D-97

Sampled: 05/11/2022 12:57

Instrument: BAL2 Analyst: DOE

Analyzed: 05/13/2022 07:26

**Analysis by: Analytical Resources, LLC**

Sample Preparation:

Preparation Method: No Prep Wet Chem

Extract ID: 22E0181-01

Preparation Batch: BKE0337

Sample Size: 75 mL

Prepared: 05/13/2022

Final Volume: 1000 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Suspended Solids		1	13	13	235	mg/L	



Aspect Consulting, LLC.  
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Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

**Composite Sample #1-8**  
**22E0181-01 (Water)**

**Wet Chemistry**

Method: SM 5210 B-01

Sampled: 05/11/2022 12:57

Instrument: BOD1 Analyst: DOE

Analyzed: 05/17/2022 08:24

**Analysis by: Analytical Resources, LLC**

Sample Preparation:

Preparation Method: No Prep Wet Chem

Extract ID: 22E0181-01

Preparation Batch: BKE0319

Sample Size: 250 mL

Prepared: 05/12/2022

Final Volume: 300 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
BOD		50	60.0	60.0	2420	mg/L	D



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Composite Sample #1-8**  
**22E0181-01 (Water)**

**Wet Chemistry**

Method: SM 5220 D-97

Sampled: 05/11/2022 12:57

Instrument: UV1800-1 Analyst: BF

Analyzed: 06/03/2022 10:40

**Analysis by: Analytical Resources, LLC**

Sample Preparation:

Preparation Method: No Prep Wet Chem

Extract ID: 22E0181-01 A

Preparation Batch: BKF0059

Sample Size: 0.2 mL

Prepared: 06/02/2022

Final Volume: 2 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
COD		1	500	500	4090	mg/L	



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

**Grabs #1-8**  
**22E0181-02 (Water)**

**Wet Chemistry**

Method: EPA 1664B

Sampled: 05/11/2022 12:57

Instrument: Bal2 Analyst: CDE

Analyzed: 05/28/2022 11:13

**Analysis by: Analytical Resources, LLC**

Sample Preparation: Preparation Method: No Prep Wet Chem  
Preparation Batch: BKE0752  
Prepared: 05/28/2022

Sample Size: 960 mL  
Final Volume: 1000 mL

Extract ID: 22E0181-02

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
HEM Oil & Grease		1	5	5	254	mg/L	
SGT-HEM NP Oil & Grease		1	5	5	ND	mg/L	U
HEM Polar Oil & Grease		1	5	5	252	mg/L	



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Grabs #1-8**  
**22E0181-02 (Water)**

**Microbiology**

Method: SM 9222B

Sampled: 05/11/2022 12:57

Instrument: N/A Analyst: BF

Analyzed: 05/12/2022 16:12

**Analysis by: Analytical Resources, LLC**

Sample Preparation: Preparation Method: No Prep Wet Chem  
Preparation Batch: BKE0302  
Prepared: 05/11/2022

Sample Size: 10 mL  
Final Volume: 100 mL

Extract ID: 22E0181-02

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Coliforms		1	10	10	ND	CFU/100 ml	CONF, U



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Grabs #1-8**  
**22E0181-02 (Water)**

**Microbiology**

Method: SM 9222D

Sampled: 05/11/2022 12:57

Instrument: N/A Analyst: BF

Analyzed: 05/12/2022 16:12

**Analysis by: Analytical Resources, LLC**

Sample Preparation: Preparation Method: No Prep Wet Chem  
Preparation Batch: BKE0303  
Prepared: 05/11/2022

Sample Size: 10 mL  
Final Volume: 100 mL

Extract ID: 22E0181-02

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Fecal Coliforms		1	10	10	370	CFU/100 ml	



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKE0319 - No Prep Wet Chem

Instrument: BOD1 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0319-BLK1)</b>										
						Prepared: 12-May-2022 Analyzed: 17-May-2022 08:24				
BOD	ND	1.0	1.0	mg/L						U
<b>LCS (BKE0319-BS1)</b>										
						Prepared: 12-May-2022 Analyzed: 17-May-2022 08:24				
BOD	192	50.0	50.0	mg/L	198		96.8 84.6-115.4			





Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKE0337 - No Prep Wet Chem

Instrument: BAL2 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0337-BLK1)</b>					Prepared: 13-May-2022 Analyzed: 13-May-2022 07:26					
Suspended Solids	ND	1	1	mg/L						U
<b>LCS (BKE0337-BS1)</b>					Prepared: 13-May-2022 Analyzed: 13-May-2022 07:26					
Suspended Solids	49	1	1	mg/L	50.00		97.0 90-110			



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKE0345 - No Prep Wet Chem

Instrument: BAL2 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0345-BLK1)</b> Prepared: 13-May-2022 Analyzed: 13-May-2022 09:10										
Dissolved Solids	10	5	5	mg/L						
<b>LCS (BKE0345-BS1)</b> Prepared: 13-May-2022 Analyzed: 13-May-2022 09:10										
Dissolved Solids	504	10	10	mg/L	500	101	90-110			B
<b>Duplicate (BKE0345-DUP1)</b> Source: 22E0181-01 Prepared: 13-May-2022 Analyzed: 13-May-2022 09:10										
Dissolved Solids	2040	13	13	mg/L		2050		0.13	20	B



Aspect Consulting, LLC.  
710 2nd Avenue, Suite 550  
Seattle WA, 98104

Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKE0747 - No Prep Wet Chem

Instrument: Orion115 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0747-BLK1)</b> Prepared: 27-May-2022 Analyzed: 27-May-2022 13:30										
Conductivity	ND	1.00	1.00	µS/cm						U
<b>LCS (BKE0747-BS1)</b> Prepared: 27-May-2022 Analyzed: 27-May-2022 13:30										
Conductivity	992	1.00	1.00	µS/cm	1000		99.2 90-110			
<b>Duplicate (BKE0747-DUP1)</b> Source: 22E0181-01 Prepared: 27-May-2022 Analyzed: 27-May-2022 13:30										
Conductivity	1290	1.00	1.00	µS/cm		1260		2.75	20	



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Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKE0752 - No Prep Wet Chem

Instrument: Bal2 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0752-BLK1)</b> Prepared: 28-May-2022 Analyzed: 28-May-2022 11:13										
HEM Oil & Grease	ND	5	5	mg/L						U
SGT-HEM NP Oil & Grease	ND	5	5	mg/L						U
HEM Polar Oil & Grease	ND	5	5	mg/L						U
<b>LCS (BKE0752-BS1)</b> Prepared: 28-May-2022 Analyzed: 28-May-2022 11:13										
HEM Oil & Grease	38	5	5	mg/L	40.00		93.8		78-114	
SGT-HEM NP Oil & Grease	13	5	5	mg/L	20.00		66.0		64-132	
HEM Polar Oil & Grease	24	5	5	mg/L	20.00		122		0-200	



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Project Number: [none]  
Project Manager: Owen Reese

Reported:  
10-Jun-2022 10:13

Analysis by: Analytical Resources, LLC

### Wet Chemistry - Quality Control

#### Batch BKF0059 - No Prep Wet Chem

Instrument: UV1800-1 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Blank (BKF0059-BLK1) Prepared: 02-Jun-2022 Analyzed: 03-Jun-2022 10:34										
COD	ND	50.0	50.0	mg/L						U
Blank (BKF0059-BLK2) Prepared: 02-Jun-2022 Analyzed: 03-Jun-2022 10:41										
COD	ND	50.0	50.0	mg/L						U
LCS (BKF0059-BS1) Prepared: 02-Jun-2022 Analyzed: 03-Jun-2022 10:35										
COD	326	50.0	50.0	mg/L	300	109	90-110			
LCS (BKF0059-BS2) Prepared: 02-Jun-2022 Analyzed: 03-Jun-2022 10:42										
COD	327	50.0	50.0	mg/L	300	109	90-110			



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Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Analysis by: Analytical Resources, LLC**

**Microbiology - Quality Control**

**Batch BKE0302 - No Prep Wet Chem**

Instrument: N/A

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0302-BLK1)</b>						Prepared: 11-May-2022 Analyzed: 12-May-2022 16:12					
Total Coliforms	ND	1	1	CFU/100 ml							U



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Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

**Analysis by: Analytical Resources, LLC**

**Microbiology - Quality Control**

**Batch BKE0303 - No Prep Wet Chem**

Instrument: N/A

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
<b>Blank (BKE0303-BLK1)</b>						Prepared: 11-May-2022 Analyzed: 12-May-2022 16:12				
Fecal Coliforms	ND	1	1	CFU/100 ml						U



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Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

Reported:  
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## Certified Analyses included in this Report

Analyte	Certifications
<b>EPA 1664B in Water</b>	
HEM Oil & Grease	WADOE,NELAP
SGT-HEM NP Oil & Grease	WADOE,NELAP
HEM Polar Oil & Grease	WADOE,NELAP
<b>SM 2510 B-97 in Water</b>	
Conductivity	WADOE,WA-DW,NELAP
<b>SM 2540 C-97 in Water</b>	
Dissolved Solids	DoD-ELAP,WADOE,WA-DW,NELAP
<b>SM 2540 D-97 in Water</b>	
Suspended Solids	DoD-ELAP,WADOE,NELAP
<b>SM 5210 B-01 in Water</b>	
BOD	WADOE,NELAP
<b>SM 5220 D-97 in Water</b>	
COD	DoD-ELAP,WADOE,NELAP
<b>SM 9222B in Water</b>	
Total Coliforms	WADOE
<b>SM 9222D in Water</b>	
Fecal Coliforms	WADOE

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022





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Project: Real Greek Water Quality  
Project Number: [none]  
Project Manager: Owen Reese

**Reported:**  
10-Jun-2022 10:13

### Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
CONF	Confluent Growth
D	The reported value is from a dilution
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

**Table E.8-1. pH Monitoring Results on May 10-11, 2022**

Ellenos Yogurt/Real Greek, Federal Way, Washington

Date/Time	pH	[H+]	Discharge Valve Position
5/10/2022 13:00	5.91	1.23E-06	Open
5/10/2022 13:15	5.88	1.32E-06	Open
5/10/2022 13:30	6.49	3.24E-07	Open
5/10/2022 13:45	6.45	3.55E-07	Open
5/10/2022 14:00	7.19	6.46E-08	Open
5/10/2022 14:15	8.89	1.29E-09	Open
5/10/2022 14:30	9.81	1.55E-10	Open
5/10/2022 14:45	9.47	3.39E-10	Open
5/10/2022 15:00	6.17	6.76E-07	Open
5/10/2022 15:15	5.65	2.24E-06	Open
5/10/2022 15:30	6.17	6.76E-07	Open
5/10/2022 15:45	5.92	1.20E-06	Open
5/10/2022 16:00	5.6	2.51E-06	Open
5/10/2022 16:15	5.81	1.55E-06	Open
5/10/2022 16:30	5.95	1.12E-06	Open
5/10/2022 17:00	5.8	1.58E-06	Open
5/10/2022 17:15	6.47	3.39E-07	Open
5/10/2022 17:30	6.98	1.05E-07	Open
5/10/2022 17:45	7.97	1.07E-08	Open
5/10/2022 18:00	5.91	1.23E-06	Open
5/10/2022 18:15	5.87	1.35E-06	Open
5/10/2022 18:30	5.8	1.58E-06	Open
5/10/2022 18:45	5.73	1.86E-06	Open
5/10/2022 19:00	6.13	7.41E-07	Open
5/10/2022 19:15	6.17	6.76E-07	Open
5/10/2022 19:30	6.86	1.38E-07	Open
5/10/2022 19:45	8.2	6.31E-09	Open
5/10/2022 20:00	5.94	1.15E-06	Open
5/10/2022 20:15	5.86	1.38E-06	Open
5/10/2022 20:30	5.79	1.62E-06	Open
5/10/2022 20:45	5.97	1.07E-06	Open
5/10/2022 21:00	12	1.00E-12	Closed
5/10/2022 21:15	13.04	9.12E-14	Closed
5/10/2022 21:30	12.85	1.41E-13	Closed
5/10/2022 21:45	12.7	2.00E-13	Closed
5/10/2022 22:00	12.76	1.74E-13	Closed
5/10/2022 22:15	12.59	2.57E-13	Closed
5/10/2022 22:30	12.71	1.95E-13	Closed
5/10/2022 22:45	13.07	8.51E-14	Closed
5/10/2022 23:00	13.16	6.92E-14	Closed
5/10/2022 23:15	13.22	6.03E-14	Closed
5/10/2022 23:30	13.57	2.69E-14	Closed

**Aspect Consulting**

6/17/2022

S:\Davis Wright Tremaine\Ellenors Yogurt - 220174\Deliverables\SWDP Application\pH Data.xlsx

**Table E.8-1**

SWDP Application

Page 1 of 3

**Table E.8-1. pH Monitoring Results on May 10-11, 2022**

Ellenos Yogurt/Real Greek, Federal Way, Washington

Date/Time	pH	[H+]	Discharge Valve Position
5/10/2022 23:45	13.86	1.38E-14	Closed
5/11/2022 0:00	13.83	1.48E-14	Closed
5/11/2022 0:15	13.74	1.82E-14	Closed
5/11/2022 0:30	13.69	2.04E-14	Closed
5/11/2022 0:45	13.89	1.29E-14	Closed
5/11/2022 1:00	13.96	1.10E-14	Closed
5/11/2022 1:15	13.93	1.17E-14	Closed
5/11/2022 1:30	13.82	1.51E-14	Closed
5/11/2022 1:45	13.8	1.58E-14	Closed
5/11/2022 2:00	14.13	7.41E-15	Closed
5/11/2022 2:15	14.18	6.61E-15	Closed
5/11/2022 2:30	14.01	9.77E-15	Closed
5/11/2022 2:45	13.79	1.62E-14	Closed
5/11/2022 3:00	13.79	1.62E-14	Closed
5/11/2022 3:15	13.84	1.45E-14	Closed
5/11/2022 3:30	13.68	2.09E-14	Closed
5/11/2022 3:45	13.43	3.72E-14	Closed
5/11/2022 4:00	13.7	2.00E-14	Closed
5/11/2022 4:15	13.55	2.82E-14	Closed
5/11/2022 4:30	13.58	2.63E-14	Closed
5/11/2022 4:45	13.73	1.86E-14	Closed
5/11/2022 5:00	13.89	1.29E-14	Closed
5/11/2022 5:15	14.05	8.91E-15	Closed
5/11/2022 5:30	13.99	1.02E-14	Closed
5/11/2022 5:45	13.9	1.26E-14	Closed
5/11/2022 6:00	13.85	1.41E-14	Closed
5/11/2022 6:15	13.78	1.66E-14	Closed
5/11/2022 6:30	13.68	2.09E-14	Closed
5/11/2022 6:45	13.61	2.45E-14	Closed
5/11/2022 7:00	13.56	2.75E-14	Closed
5/11/2022 7:15	13.52	3.02E-14	Closed
5/11/2022 7:30	13.48	3.31E-14	Closed
5/11/2022 7:45	13.46	3.47E-14	Closed
5/11/2022 8:00	13.41	3.89E-14	Closed
5/11/2022 8:15	13.37	4.27E-14	Closed
5/11/2022 8:30	13.33	4.68E-14	Closed
5/11/2022 8:45	13.3	5.01E-14	Closed
5/11/2022 9:00	13.29	5.13E-14	Closed
5/11/2022 9:15	13.28	5.25E-14	Closed
5/11/2022 9:30	13.27	5.37E-14	Closed
5/11/2022 9:45	13.25	5.62E-14	Closed
5/11/2022 10:00	13.23	5.89E-14	Closed

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6/17/2022

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**Table E.8-1**

SWDP Application

Page 2 of 3

**Table E.8-1. pH Monitoring Results on May 10-11, 2022**

Ellenos Yogurt/Real Greek, Federal Way, Washington

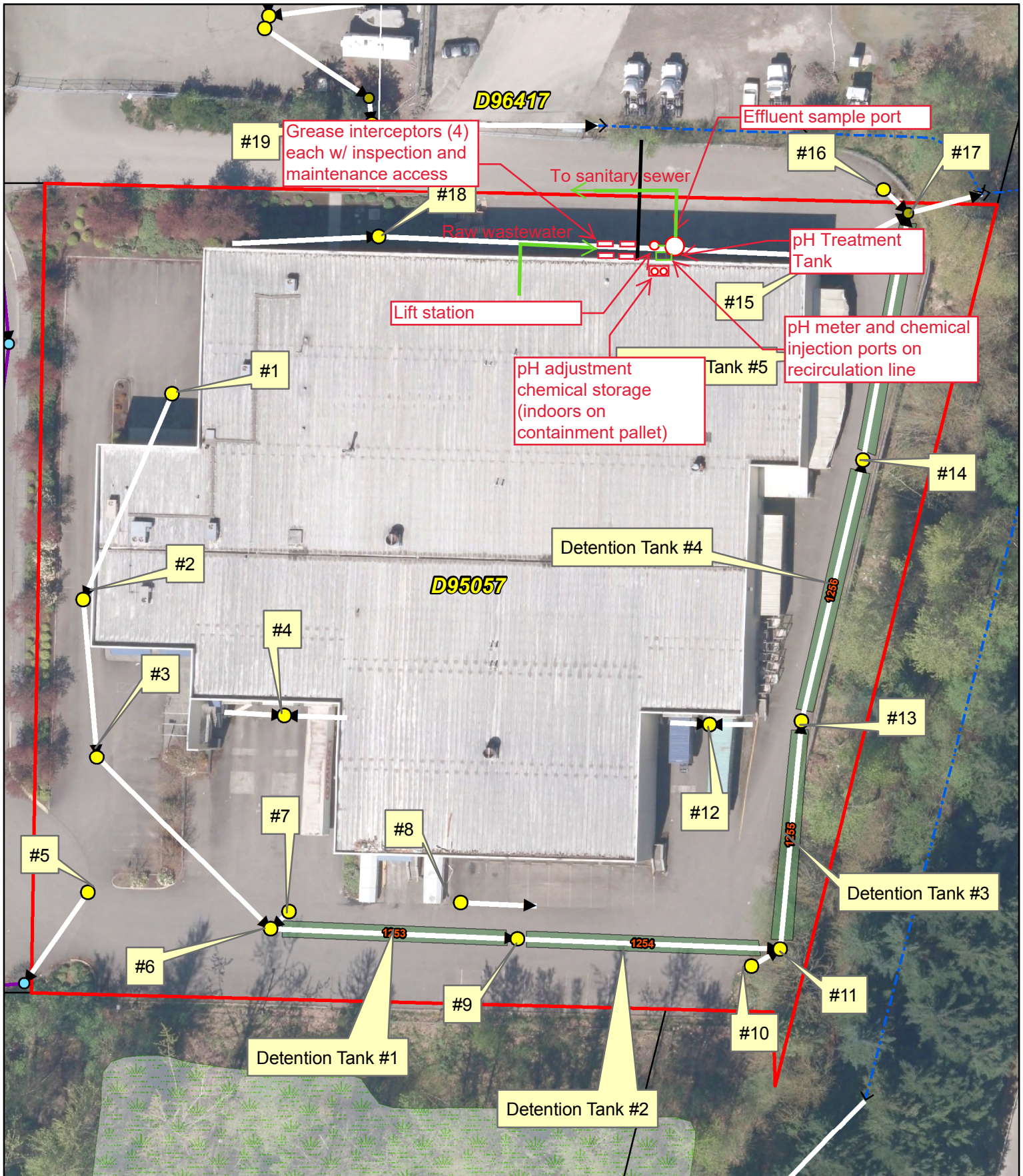
Date/Time	pH	[H+]	Discharge Valve Position
5/11/2022 10:15	13.23	5.89E-14	Closed
5/11/2022 10:30	13.21	6.17E-14	Closed
5/11/2022 10:45	0.94	1.15E-01	Closed
5/11/2022 11:00	4.06	8.71E-05	Closed
5/11/2022 11:15	6.49	3.24E-07	Open
5/11/2022 11:30	9.48	3.31E-10	Open
5/11/2022 11:45	9.57	2.69E-10	Open
5/11/2022 12:00	9.58	2.63E-10	Open
5/11/2022 12:15	8.77	1.70E-09	Open
5/11/2022 12:30	9.16	6.92E-10	Open
5/11/2022 12:45	9.34	4.57E-10	Open
5/11/2022 13:00	9.72	1.91E-10	Open

**Summary Statistics for Periods when Valve Open**

Max	Min	Average	Count
9.81	5.6	6.14	39

## **ATTACHMENT F.1**

### **Facility Site Map**



## **ATTACHMENT H.5**

### **Stormwater Drainage Map**



# Attachment H.5 Stormwater Drainage Map

Site Address: 34114 21st Ave S

D95057

