

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
CITY OF CRESCENT CITY  
COUNTY OF DEL NORTE  
STATE OF CALIFORNIA**

**Board of Supervisors Chambers  
Flynn Center 981 H Street  
Crescent City, CA**

**Special Session                      Tuesday November 17, 2015                      3:30 PM**

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The Solid Waste Management Authority of the City of Crescent City and the County of Del Norte, State of California, is now meeting in Regular Session. Only those items that indicate a specific time will be heard at the assigned time. All items may be taken out of sequence to accommodate public and staff availability.

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All documents referred to in this agenda are available at the Office of the Del Norte Solid Waste Management Authority at 1700 State Street in Crescent City, between the hours of 8 A.M. and 5 P.M. Monday through Friday OR online at [www.recycledelnorte.ca.gov](http://www.recycledelnorte.ca.gov)

For more information call 465-1100 or email [dnswwma@recycledelnorte.ca.gov](mailto:dnswwma@recycledelnorte.ca.gov)

**3:30 PM            CALL MEETING TO ORDER / ROLL CALL**

**PLEDGE OF ALLEGIANCE**

**PUBLIC COMMENTS:**

**3:30 PM            ANY MEMBER OF THE PUBLIC MAY ADDRESS THE SOLID WASTE MANAGEMENT AUTHORITY ON ANY MATTER ON OR OFF THE AGENDA. After receiving recognition from the Chair, please give your name and address for the record. Comments will be limited to three minutes.**

**OPEN SESSION ITEMS:**

**1. CONSENT AGENDA**

- 1.1      Approve minutes, Regular Session, Tuesday, October 20, 2015. \*\***
- 1.2      Approve minutes, Special Session, Tuesday, November 10, 2015. \*\***

**END CONSENT AGENDA**

## **DISCUSSION/ACTION ITEMS**

### **2. LANDFILL POSTCLOSURE**

- 2.1 Status report regarding the procurement of a contractor to provide an aerial topographical survey of the Crescent City Landfill as required under North Coast Regional Water Control Board Monitoring and Reporting Program 97-90.
- 2.2 Receive draft of the report 'Proposed Updates to the Monitoring and Reporting Program for the Crescent City Landfill from Lawrence & Associates. \*\*
- 2.3 Discussion and possible action regarding Change Order 1 to the agreement between Lawrence & Associates and the Authority in the amount of \$500.00 for a Residential Sampling Plan and Protocol for properties adjacent to the Crescent City Landfill in association with the Authority's ongoing appeal of the Waste Discharge Requirement Fees associated with the Crescent City Landfill. \*\*
- 2.4 Acknowledge invoice WD-0108614 from the State Water Resources Control Board in the amount of \$57,191 for the annual Waste Discharge Requirements permit fee for the Crescent City Landfill for FY 15/16 and approve partial payment in the amount of \$30,625.\*\*

### **3. COLLECTIONS FRANCHISE – No Items**

### **4. TRANSFER STATION – No Items**

### **5. OTHER GENERAL SOLID WASTE AUTHORITY MATTERS**

- 5.1 Public Hearing and possible adoption of Rate Ordinance 2015-01, Establishing a Rate for Commercial Oil Pumping at the Del Norte County Transfer Station. \*\*
- 5.2 Discussion and possible action regarding the November 6, 2015 letter from Spencer Fine, Environmental Scientist for the California Department of Resources Recycling and Recovery (CalRecycle). \*\*
- 5.3 Discussion and possible election of the Authority Secretary. \*\*

### **6. DIRECTOR'S & TREASURER'S REPORTS**

**Agenda items 6.1 through 6.5 are provided for information only**

- 6.1 Director's Report \*\*
- 6.2 Treasurer/Controller Report for September 2015 \*\*
- 6.3 Claims approved by Director for October 2015 \*\*
- 6.4 Monthly Cash and Charge Reports for October 2015 \*\*
- 6.5 Earned Revenue Comparisons between FY14/15 and FY15/16 \*\*

**7. CLOSED SESSION ITEMS:**

- 7.1 PUBLIC EMPLOYEE PERFORMANCE EVALUATION  
(Gov't code 54957) Title: Director

**8. ADJOURNMENT**

Adjourn to the next meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 P.M., December 15, 2015 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

**\*\* Asterisks next to Agenda Item indicates an associated attachment**

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
CITY OF CRESCENT CITY  
COUNTY OF DEL NORTE  
STATE OF CALIFORNIA**

**Regular Session, Tuesday October 20, 2015, 3:30 PM**

**PRESENT:** Commissioner Ron Gastineau  
Commissioner Angela Gore, Secretary  
Commissioner Rick Holley, Chair  
Commissioner Martha McClure, Vice Chair  
Director Tedd Ward  
Legal Counsel Martha Rice  
Treasurer / Controller Richard D. Taylor  
Authority Clerk Katherine Brewer

**ABSENT:** County Commissioner Position vacant pending appointment

**ALSO PRESENT:** Joel Wallen, Hambro Waste Solutions Group

**3:30 PM CALL MEETING TO ORDER**

Chairman Holley called the meeting to order in regular session at 3:30 p.m.

**PLEDGE OF ALLEGIANCE AND ROLL CALL**

The pledge was led by Commissioner Gastineau. Roll was taken with Commissioners Gore, Gastineau, McClure and Holley present.

**1. CLOSED SESSION ITEMS:**

**1.1 PUBLIC EMPLOYEE PERFORMANCE EVALUATION**  
(Gov't code 54957) Title: Director

The Chairman recessed the open meeting of the Del Norte Solid Waste Management Authority and convened in closed session at 3:33 p.m. The closed session was adjourned at 3:48 p.m. and the meeting reconvened immediately at 3:48 p.m. in open session. Counsel reported that no action was taken during closed session.

**3:45 PM PUBLIC COMMENTS:**

The following person(s) addressed the Authority:

Dale Watson, City resident, expressed his continuing concern about the magnitude of the fees being charged by the North Coast Regional Water Quality Control Board associated with the Crescent City Landfill.

## **OPEN SESSION ITEMS:**

### **2. CONSENT AGENDA**

- 2.1 Approve minutes, Regular Session, Tuesday, September 15, 2015.
- 2.2 Facilities and Programs Coordinator Recruitment Announcement.
- 2.3 Approve Budget Transfer in the amount of \$22,910.00.
- 2.4 Payment of Invoice #1001113993 from Clean Harbors Env. Services for the 2015 Household Hazardous Waste Collection Event in the amount of \$28,722.00.

### **END CONSENT AGENDA**

On a motion by Commissioner Glore, seconded by Commissioner McClure, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority approved and adopted the consent agenda, consisting of items 2.1-2.4, as presented.

## **DISCUSSION/ACTION ITEMS**

- 3. **LANDFILL POSTCLOSURE – No Items**
- 4. **COLLECTIONS FRANCHISE – No Items**
- 5. **TRANSFER STATION**

- 5.1 Status report regarding continuing negotiations with the Mattress Recycling Council regarding the implementation of the Used Mattress Recovery and Recycling Act in Del Norte County starting in 2016.

Director Ward updated Board Members on the negotiations. The amount offered by the Mattress Recycling Council per mattress to accept mattresses daily does not cover existing costs, though participating facilities would be required to accept mattresses for no additional charge. Hambro/WSG and staff are now negotiating with MRC for two or more annual collection events during which residents would be able to bring in their mattresses for recovery and recycling, with one to be scheduled during the annual household hazardous waste collection event. Negotiations continue, with nothing finalized yet.

## 6. OTHER GENERAL SOLID WASTE AUTHORITY MATTERS

- 6.1 Discussion and possible action regarding Resolution 2015-08, A RESOLUTION OF THE GOVERNING BOARD OF THE DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY ADOPTING A REVISED DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY CODE OF ETHICS AND CONDUCT FOR BOARD COMMISSIONERS AND MEMBERS APPOINTED TO COMMISSIONS AND COMMITTEES. **052001**

On a motion by Commissioner Gastineau, seconded by Commissioner Glore, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority approved and adopted Resolution 2015-08, A RESOLUTION OF THE GOVERNING BOARD OF THE DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY ADOPTING A REVISED DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY CODE OF ETHICS AND CONDUCT FOR BOARD COMMISSIONERS AND MEMBERS APPOINTED TO COMMISSIONS AND COMMITTEES.

- 6.2 Discussion and possible action regarding a revised code of conduct for the Del Norte Solid Waste Task Force. **200101**

On a motion by Commissioner McClure, seconded by Commissioner Glore, and unanimously carried on a polled vote, the Del Norte Solid Waste Management Authority voted to submit and recommend that the revised code of conduct for the Del Norte Solid Waste Task Force be adopted by that advisory body.

- 6.3 Receipt and acknowledgement of resignation letter dated 05 October 2015 from Commissioner Dr. Angela Glore. **031501**

On a motion by Commissioner Gastineau, seconded by Commissioner McClure, and unanimously carried on a voice vote, the Del Norte Solid Waste Management Authority received and acknowledged the resignation letter dated 05 October 2015 from Commissioner Dr. Angela Glore.

- 6.4 Discussion and possible action regarding the selection process for a Public Commissioner to serve on the Del Norte Solid Waste Management Authority Board for a term of up to 24 months. **031501**

The following person(s) addressed the Authority:

Paula Ivy, County resident, expressed concern that the Board of Supervisors would try to block an Authority appointment.

The Del Norte Solid Waste Management Authority agreed by consensus to the following actions:

1. Direct staff to publish notices soliciting additional applications from persons interested in possible appointment as the Public Commissioner, with a submittal deadline of 5:00 p.m. on 06 November 2015, and
2. Direct staff to call each of the prior 2015 applicants to notify them that the Authority Board is again soliciting applicants for the appointment. Each previous applicant would be offered the following options:
  - a. Have their previous application included as an application for this upcoming Public Commissioner appointment without revision, or
  - b. Submit an updated application before the submittal deadline, or
  - c. Decline to be considered for appointment as Public Commissioner at this time.
3. Set the date for considering applications and interviews for appointment as Public Commissioner to be at a special meeting on Tuesday November 10 at 3:30 p.m., and
4. Set the term of the appointment of the next Public Commissioner to expire immediately after the April 2017 regular Authority Board meeting.

**7. DIRECTOR'S & TREASURER'S REPORTS**

Agenda items 7.1 through 7.5 are provided for information only

- 7.1 Director's State of the Agency Report. **231501**
- 7.2 Treasurer/Controller Report for August 2015.
- 7.3 Claims approved by Director for September 2015.
- 7.4 Monthly Cash and Charge Reports for September 2015.
- 7.5 Earned Revenue Comparisons between FY14/15 and FY15/16.

The above-listed reports were presented and accepted.

**8. ADJOURNMENT**

Adjourn to the Special Meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 p.m., November 10, 2015 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

There being no further business to come before the Authority, the Chairman adjourned the meeting at 5:00 p.m., until the Special Meeting on November 10, 2015.

\_\_\_\_\_  
 Richard Holley, Chair  
 Del Norte Solid Waste Management Authority

Date        /        /

ATTEST:

\_\_\_\_\_  
 Martha McClure, Vice Chair

Date        /        /

Del Norte Solid Waste Management Authority

Submitted:

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Katherine Brewer, Clerk  
Del Norte Solid Waste Management Authority

Date        /    /

**DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
CITY OF CRESCENT CITY  
COUNTY OF DEL NORTE  
STATE OF CALIFORNIA**

**Special Session, Tuesday November 10, 2015, 3:30 PM**

**PRESENT:** Commissioner Ron Gastineau  
Commissioner Rick Holley, Chair  
Commissioner Martha McClure, Vice Chair  
Director Tedd Ward  
Legal Counsel Martha Rice  
Treasurer / Controller Richard D. Taylor  
Authority Clerk Katherine Brewer

**ABSENT:** County Commissioner Position vacant pending appointment

**ALSO PRESENT:**

**3:30 PM CALL MEETING TO ORDER**

Chairman Holley called the meeting to order in regular session at 3:30 p.m.

**PLEDGE OF ALLEGIANCE AND ROLL CALL**

The pledge was led by Chairman Holley. Roll was taken with Commissioners McClure, Gastineau, and Holley present.

**3:30 PM PUBLIC COMMENTS:**

The following person(s) addressed the Authority:

Randall South spoke regarding his interest in appealing a complaint regarding the level of collections service at 1175 Lakeview Drive.

**1. GENERAL SOLID WASTE AUTHORITY MATTERS**

**1.1 PUBLIC MEMBER APPOINTMENT:** Interview applicants and appoint a Public Commissioner to serve on the Del Norte Solid Waste Management Authority Board through April 2017. **031501**

Applicant Sandy Blakely withdrew his application prior to the meeting. Interview order was determined by having legal counsel Rice draw the applicant's names out of a hat. Interview order was as follows: Patricia Black, Craig Strong, Alexander Fallman, Jack Reese, and Dale Watson. The final candidate, Eli Naffah, was interviewed via telephone on a speaker phone. All candidates were sequestered in a room prior to their interview. Each was interviewed separately with each answering the same questions asked by Chairman Holley. The questions asked were:

1. If you are appointed as Public Member, what aspects of your skills or background do you think would be of greatest potential benefit to the Authority?
2. Please name the four facilities the Authority is responsible for managing, and please describe the general responsibilities of the Authority's two primary contractors.
3. Tell us what experience you may have had with fiscal management or oversight of budgets for grants, non-profits, businesses or public agencies.
4. In your opinion, what should be some of the Authority's priority activities in the coming year?
5. Would you like to add anything to what you have said?

The Commissioners took notes for their own use as they saw fit. Public comments were solicited at the end of the interview process, though no member of the public asked to speak.

On a motion by Commissioner Gastineau, seconded by Commissioner McClure, and unanimously carried on a polled vote, Patricia Black was appointed to serve as the Public Commissioner of the Del Norte Solid Waste Management Authority Board for a term to extend through April 2017.

Commissioner Black took her seat at the dais.

## **2. ADJOURNMENT**

Adjourn to the next meeting of the Del Norte Solid Waste Management Authority scheduled for 3:30 p.m., November 17, 2015 at the Del Norte County Board of Supervisors' Chambers, 981 H Street, Suite 100 in Crescent City.

There being no further business to come before the Authority, the Chairman adjourned the meeting at 4:45 p.m., until the next regularly scheduled meeting on November 17, 2015.

\_\_\_\_\_  
Richard Holley, Chair  
Del Norte Solid Waste Management Authority

Date        /        /

ATTEST:

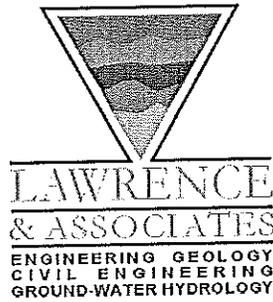
\_\_\_\_\_  
Martha McClure, Vice Chair  
Del Norte Solid Waste Management Authority

Date        /        /

Submitted:

\_\_\_\_\_  
Katherine Brewer, Clerk  
Del Norte Solid Waste Management Authority

Date        /        /



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**PROPOSED UPDATES  
TO  
MONITORING & REPORTING PROGRAM  
FOR  
CRESCENT CITY LANDFILL**

**NOVEMBER 12, 2015**

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PREPARED FOR:

DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
1700 STATE STREET  
CRESCENT CITY, CA 95531

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## INTRODUCTION

This document presents a proposal for updating the Monitoring and Reporting Program (MRP) for the Crescent City Landfill (Landfill), Del Norte County, California (**Figure 1**). Lawrence & Associates (L&A) prepared this report at the request of the Del Norte Solid Waste Authority (DNSWA), a joint powers authority of the County of Del Norte and the only incorporated city, Crescent City. The Authority has administrative responsibility for the Crescent City Landfill, including environmental monitoring, reporting, and compliance, though the landfill and landfill property are owned by the County of Del Norte.

The Landfill, which was closed in March 2005, is monitored under Waste Discharge Requirements (WDR) Order No. 97-90, issued by the North Coast Regional Water Quality Control Board (NCRWQCB) on September 25, 1997.

In anticipation of updating the WDR, the DNSWA wishes to propose updates to the MRP. To that end, this report summarizes the landfill history and operations, describes the hydrogeology of the site, and interprets the historical water-quality data. Based on these data and interpretations, changes to the MRP are proposed. All analyses herein are based on historical and previously presented data; L&A performed no new field testing.

## SITE DESCRIPTION

### LOCATION AND PAST OPERATIONS

The Landfill is located two miles north of Crescent City, in Del Norte County, on a 166-acre property (**Figure 2**). The property encompasses parcels APN 110-020-08, APN 1120-020-43, and a portion of APN 110-020-69. The property is owned by Del Norte County and zoned as a Public Facility. Current land uses within one mile of the site are recreational, wildlife habitat, agricultural, residential, and industrial.

The landfill property is surrounded on three sides by land owned by the California Department of Parks and Recreation; their holdings include approximately 5,000 acres extending from Old Mill Road to the ocean less than two miles to the west. There is a residential area consisting of sixteen properties located approximately one quarter to one half mile north-northeast of the Landfill mound (main body of waste). The Landfill mound comprises approximately 23 acres of the 167-acre site.

The following brief discussion of the landfill history and operations during its active life was taken from information provided by DNSWA staff and previous reports, mainly the *Feasibility Study for Corrective Action Program, Crescent City Landfill, Crescent City, California*, prepared by Winzler & Kelly Consulting Engineers, January 2003.

Initially the location of an open burn dump, the Crescent City Landfill was first permitted in 1977. Until 1995, the landfill was generally operated by the same company that collected trash. Scales were first installed at this facility in 1996; prior to that time assessments of the quantity of wastes placed in the landfill mound were based on incoming volumes reported by the garbage company. Between 1977 and the time and when this facility stopped receiving municipal wastes in March 2005, this landfill received the vast majority of wastes generated from Del Norte County.

Those wastes consisted primarily of household and commercial solid waste and construction debris. Other types of wastes accepted at the Landfill included asbestos-containing materials (ACM), dead animals, clean wood waste, household appliances, seafood processing waste, sewage sludge, commercial septage, and cheese whey. **Figure 2** shows the locations of the disposal or processing areas for these items.

Household appliances were transported offsite for recycling, they were not disposed in the Landfill. The burying of dead animals in the dedicated location shown in **Figure 2** ended in 1996; dead animals were disposed in the main Landfill after that until closure. Seafood waste processing ended in 1997. The sewage sludge, septage, and cheese whey ponds were all closed by 1995; they were sampled, dewatered, and backfilled between 1995 and 2003.

In 1996, the approximate southern half of the landfill was capped with a low-permeability soil cap. In October 2005, the second phase of closure included capping the remaining area with a linear low-density polyethylene (LLDPE) geomembrane.

Water-quality monitoring currently is conducted in 19 groundwater monitoring wells, one leachate well, and three surface-water points. Monitoring is conducted by DNSWMA and County staff.

Beginning in at least 1987, evidence of Landfill influence on groundwater and surface-water quality was noted. Impacts consist of periodic detections of organic compounds and elevated mineral constituents. In general, however, water quality has improved since the completion of landfill capping. This is discussed in more detail in the hydrogeology and water-quality sections of this report.

### **PRELANDFILL TOPOGRAPHY**

No data exists of the topography of the bottom of the refuse at the base of the landfill mound, and there are no records of how the ground was prepared to accept waste during the early operations.

As an approximate indication of the original ground surface beneath the waste, L&A used topographic contours from the U.S. Geological Survey topographic map from 1956 to estimate original ground surface. This surface was used in the cross sections (**Figures 3 through 6**).

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These contours are a best approximation, and the actual contours likely are different. This is the best interpretation that can be achieved with the available data.

## HYDROGEOLOGICAL SETTING

The hydrogeologic setting of the Landfill site has been well described in previous reports, such as the *Feasibility Study for Corrective Action Program* referenced above, plus the *Crescent City Landfill Closure Master Plan, Master Plan Report*, Bruce Dees & Associates and Conservation Solutions, December 1995. In addition to previous reports, we reviewed the boring logs for site wells. **Figure 3** shows a plan view of cross sections developed to illustrate the site's stratigraphy; **Figures 4** through **6** show the sections.

### STRATIGRAPHY

The Landfill site is underlain by the following geologic units, from ground surface downwards:

- Dune deposits of well-sorted, poorly consolidated, fine-grained sand. The Dune deposit is of varying thickness, depending on the ground-surface topography. In the higher elevation portions of the site, the Dune deposits can be as much as 40 feet thick (e.g., as in the boring for the E-4 wells). In other areas, the Dune deposits may be less than 10 feet thick (e.g., as in the boring for well W-2). Hydraulic conductivity of the Dune deposits ranges from  $1.1 \times 10^{-3}$  to  $5.8 \times 10^{-3}$  cm/sec.
- Underlying the Dune deposits is a unit characterized as the Marsh deposit. The Marsh deposit consists of interbedded peat and silty to clayey sand. It can be present merely as a zone of organic material or greenish-gray clayey zone, or range up to 10 feet thick. It appears to thicken to the northeast (e.g., as in the boring for the E-4 wells).
- Underlying the Marsh deposit is the Battery Formation, a littoral sand deposit. The Battery Formation ranges in thickness from about five to 30 feet, although, in general, it is thinner overall than the Dune deposits. Hydraulic conductivity of the Battery Formation ranges from  $4.1 \times 10^{-4}$  to  $6.1 \times 10^{-5}$  cm/sec.
- Underlying the Battery Formation is bedrock of the St. George Formation. The St. George Formation consists of highly consolidated siltstone and sandstone, and is considered essentially non-water bearing.

The Dune, Marsh, and Battery deposits range in age from Pleistocene to Holocene (approximately 2.5 million years to present). The St. George Formation is late Miocene in age (approximately 5 – 6 million years).

### SURFACE-WATER OCCURRENCE

Because of the relatively high permeability of the Dune deposits, precipitation and surface drainage can rapidly percolate downward into the deposits. Similarly, there can be a relatively

strong connection between groundwater and surface water, especially where groundwater levels are near ground surface.

For example, **Figures 5 and 6** show that, at least in certain times of the year, groundwater levels at the south end of the Landfill (in W-2 and W-3SH) are near, or at, ground surface. During these times, there likely is groundwater flow into and out of surface water at the south end of the landfill.

Historically, groundwater mounds were noted below surface impoundments, such as the whey ponds, indicating that percolation from surface-water bodies affected groundwater levels.

### **GROUNDWATER OCCURRENCE**

Groundwater occurs principally in the Dune, Marsh, and Battery deposits; for practical purposes, the St. George Formation is non-water bearing.

Depth to groundwater at the Landfill site generally ranges from near ground surface (less than five feet) to approximately 40 feet below ground surface (bgs). Groundwater occurs in two zones at the site – within the Dune deposits and in the Battery Formation, separated by the Marsh deposit.

At all locations, elevation of the piezometric surface is higher in the Dune deposit relative to that of the Battery Formation. For example, see the cross sections (**Figures 4 through 6**) which shows groundwater elevations on January 28, 2015, for the points measured on that date. In all cases, the groundwater elevation in the Dune deposits is higher than in the Battery Formation. The difference ranges from about one foot (in the W-6E/W pair) to 7.7 feet (in the W-1E/W pair). Thus, the relative elevations of the piezometric surfaces show that there is a net downward gradient from the Dune deposit to the Battery Formation. This is the case even though the Battery Formation aquifer is semiconfined by the Marsh deposit (the piezometric surface in the Battery Formation is at a higher elevation than the top of the Marsh deposit).

**Figures 7 and 8** shows groundwater elevation contour maps for January 28, 2105, for the Dune and Battery aquifers, respectively. The direction of the groundwater gradient is similar in both aquifers, ranging from east to southeast at magnitudes ranging from 0.006 to 0.030 feet/foot.

Both aquifers show a steepening of the gradient generally in the middle part of the site, beneath the northwest part of the Landfill mound. In this area the gradient steepens from approximately 0.006 feet/foot to 0.020 feet/foot, with the direction remaining generally unchanged.

The groundwater gradient in the Battery Formation aquifer shows another distinct steepening and change of direction in the area bounded by the W-6W Deep, E-4 Deep, and E-3 Deep (between the Landfill mound and the nearest residential wells). In this area, the gradient steepens from 0.020 feet/foot to 0.030 feet/foot, and has a slight change of direction, becoming more easterly.

Although the various wells' screened intervals are not exactly the same, the differences in screened-interval length or elevation is not sufficient to cause such distinct changes in gradient.

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Possible explanations for the gradient changes are stratigraphic changes and changes in elevation of the top of the St. George Formation. **Figure 9** shows a contour map of the top of the St. George Formation, based on the limited data available from site boring logs. Based on the boring logs, the lowest elevation (approximately -15 feet MSL) of the top of the St. George Formation is in the northwest part of the site (W-9 Deep). From there, the surface slopes gradually upward to the southeast, with an elevation of approximately 8 feet MSL at W-1E Deep. This gradual rise in elevation of the top of bedrock leads to a gradual thinning of the overlying deposits towards to southeast. As a formation thins, the groundwater gradient must increase to move the same amount of water through the formation. This is based on Darcy's equation which states that flow is proportion to the product of hydraulic conductivity, gradient, and flow area ( $Q = K \times i \times A$ ). By definition, if the area decreases (the formation thins), the gradient must increase to move the same amount of water through the formation. This is especially true for a confined or semi-confined aquifer, which cannot expand its flow area because it is constrained by the confining layer. In addition to the thinning of the aquifer, if there is a reduction in the hydraulic conductivity that would lead to an increase in gradient.

To the northeast of the landfill, between W-6W Deep and E-4 Deep, there is a change in the stratigraphic sequence. In W-6W Deep, the Marsh Deposit lies directly on bedrock and the Battery Formation is not present. Additionally in this area, the top of bedrock drops steeply to the northwest, as illustrated by the sharp changes in elevation between E-4 Deep and W-6W Deep, and E-4 Deep and E-3 Deep (**Figure 5**). Over this short distance, the top of bedrock drops in elevation at least 13 feet.

As described above, when the thickness of an aquifer or its hydraulic conductivity changes, there must be a correlative change in the groundwater gradient to move the same amount of water through the aquifer. In the area northeast of the landfill, because the Battery Formation (deep aquifer) essentially thins to nothing, the groundwater moving through the formation passes directly into the Marsh deposits. The Marsh deposits likely have a lower hydraulic conductivity than the Battery Formation because of the higher proportion of clay and fine material. Thus, with both a thinning aquifer and decreasing hydraulic conductivity, an increase in the groundwater gradient is to be expected.

## WATER QUALITY

**Figures 10** through **12** show graphs of total dissolved solids (TDS) vs. time for wells currently monitored, for the historical record (historical data tables are submitted with the semiannual reports and will not be reproduced herein). **Figure 13** is a site plan showing Stiff patterns of water quality, to illustrate changes in water quality over time and between monitoring points. **Attachment A** contains statistical data sheets for trend analyses for selected points.

As early as 1987, groundwater quality impacts from site operations were noted. The impacts were attributed to different site operations, including the now-closed sludge and whey ponds, and

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the landfill itself. Closure of the various ponds and capping the landfill, however, has improved groundwater quality in almost all locations.

### **SOUTHEAST TO SOUTHWEST OF LANDFILL MOUND**

Starting with wells on the generally southeast to southwest sides (downgradient and crossgradient) of the Landfill, **Figure 10** shows graphs for the E-1 pair, E-2 Deep, SM-6, W-2 Deep, W-3S, and 8-Shallow. In the E-1 pair, TDS increased in the period 1996 through 2009, but has decreased since 2009. The overall increase between 1996 and the present is statistically significant at the 95% level (**Attachment A** contains the statistical analysis sheets discussed herein). Since closure (2006 to present), TDS in both E-1 wells is decreasing, although the decrease is not statistically significant. Current TDS values in both the shallow and deep aquifers at E-1 are approximately 420 mg/L.

Moving to the southeast and immediately adjacent to the landfill, shallow well SM-6 shows a statistically significant decreasing trend for TDS for the period of record (1995 to present). Current TDS in SM-6 is approximately 200 mg/L. Well E-2 Deep shows no significant trend for its period of record (2007 to present). Current TDS in E-2 Deep is approximately 520 mg/L.

Well SM-6 had detections of relatively high concentrations of toluene between September 2012 and September 2013 (see below); toluene was nondetected in November 2014 and March 2015. The pattern of detections (sudden onset, sudden decrease) was attributed to vandalism, not Landfill influence.

| Date      | SM-6, Toluene<br>(µg/L) |
|-----------|-------------------------|
| 6-Sep-12  | 610                     |
| 24-Jan-13 | 1.6                     |
| 20-Aug-13 | 2600                    |
| 17-Sep-13 | 270                     |
| 25-Feb-14 | 1.3                     |
| 24-Nov-14 | <0.5                    |
| 19-Mar-15 | <0.5                    |

At the immediate southwestern corner of the Landfill, well W-2 Deep is the only site well that currently shows an increasing trend since closure. The TDS in W-2 Deep shows a significant increasing trend since at least 1990, with no apparent changes since closure. Current TDS in W-2 deep is approaching 900 mg/L. This location is the closest monitoring point to the landfill, and the groundwater level here likely is very close to the bottom of waste (see **Figures 4 and 6**).

The two shallow wells in the area southwest of the Landfill mound, W-3 Shallow and W-8 Shallow, are upgradient and crossgradient of the Landfill mound, respectively, although W-3 Shallow is downgradient of former waste ponds. For the period of record (1988 to present), W-3 Shallow shows a significant decreasing trend and W-8 Shallow shows no significant trend. This is consistent with W-3 Shallow being downgradient of the former ponds: After their closure, it

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would be expected that downgradient groundwater quality would improve. W-8 Shallow is crossgradient of former and current Landfill features, so it would be expected that groundwater quality would remain stable at that location. Current TDS in these wells is approximately 150 mg/L. Volatile organic compounds (VOC) have been nondetected in W-3 Shallow for the last five years; VOC have always been nondetected in W-8 Shallow.

#### **NORTHEAST TO NORTH OF LANDFILL MOUND**

**Figure 11** shows the time-series graphs for wells northeast to north of the Landfill mound. The closest neighboring wells are to the northeast of the Landfill property. Monitoring wells between the Landfill and the neighbors are the E-3 and E-4 pairs. The E-3 pair has been monitored since 1996; the E-4 pair was installed in early 2014, thus has only a small data set.

Looking at TDS from the period of record shows that values were higher in both E-3 Shallow and Deep before closure. Before closure TDS ranged near or above 1,200 mg/L periodically in these wells. Since closure, TDS has decreased, and is currently near or below 300 mg/L. The decreasing trends in these wells since closure is statistically significant.

Both wells have had period detections of VOC, although all VOC have been nondetected in E-3 Shallow for the last five years. In E-3 Deep, there have been occasional detections of chloroethene, at 1 to 2 µg/L, between 2002 and 2013. Methyl tert-butyl ether (MTBE) was detected in E-3 Deep in 2002 (6.4 µg/L), 2009 (0.52 µg/L), and 2014 (0.74 µg/L). Tert-butyl alcohol (TBA) was detected in E-3 Deep in August 2014 at 13 µg/L.

In the E-4 Shallow and Deep pair (not shown on **Figure 11**), TDS in August 2014 was at 550 mg/L in the shallow aquifer and 460 mg/L in the deep aquifer. MTBE and TBA were nondetected in the shallow aquifer. In the deep aquifer, MTBE was detected at 0.6 µg/L and TBA at 6.9 µg/L in August 2014.

At the immediate northern edge of the Landfill mound and crossgradient of the waste, the 6-E Shallow and 6-W Deep pair show no significant trends in TDS for the period of record. Since closure, however, both show significant decreasing trends. Over the last five years, TDS has hovered around 200 mg/L for both wells. VOC have always been nondetected in 6-E Shallow; VOC have not been detected since 2001 in 6-W Deep.

In the shallow aquifer farther north and crossgradient of the Landfill mound, well W-10 Shallow shows no significant trends for TDS, although there are distinct seasonal variations in TDS concentrations. TDS generally ranges between 100 and 300 mg/L, seasonally. VOC have always been nondetected.

#### **UPGRADIENT OF LANDFILL MOUND**

**Figure 12** shows the time-series graphs for wells upgradient of the Landfill mound. The well pair W-1E Shallow and W-1W Deep historically showed relatively high TDS concentrations (500 to 800 mg/L) which were related to the previous waste ponds. After closure of the waste

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ponds, TDS in this well pair decreased almost immediately, and has remained relatively constant since. Current TDS values generally are less than 150 mg/L for the deep aquifer and less than 200 mg/L for the shallow aquifer. VOC have always been nondetected in this well pair.

Well SM-7, in the shallow aquifer to the north of the W-1E/W-1W pair, shows a similar pattern. Historic TDS values were as high as 1,200 mg/L because SM-7 was near former waste ponds. After closure, TDS decreased immediately, and since 2006 has been stable, ranging from 100 to 150 mg/L. There was one VOC detection in 2009 (hexachloroethane at 110 µg/L); there have been no other detections during the period of record (1996 to present). It is likely that the hexachloroethane detection in 2009 represented outside contamination of some sort, not aquifer conditions.

Upgradient of the Landfill mound and generally outside of the influence of other Landfill features, the W-9 Shallow/Deep well pair has shown consistent water quality since 1997. For that period, TDS in the shallow aquifer here has been consistently just over 240 mg/L. In the deep aquifer, TDS has shown more variability than in the shallow aquifer, ranging between 100 and 250 mg/L. VOC have always been nondetected in this well pair.

#### **STIFF PATTERNS OF WATER QUALITY**

To further illustrate the general groundwater quality and changes over time, **Figure 13** shows Stiff patterns of water quality. Stiff patterns are constructed by plotting the concentrations of cations (sodium+potassium, calcium, and magnesium) on one side of a vertical axis and the concentrations of anions (bicarbonate+carbonate, chloride, and sulfate) on the other side of the axis (the concentration units are milliequivalents per liter, mEq/L). Connecting the plotted concentrations with lines forms a shape which is particular to a given water-quality type.

What is important to note with Stiff patterns are the size and shape. The larger the size, the more mineralized the water (higher ion concentrations). The shape has no inherent significance; that is, a particular shape does not indicate good or bad water quality. Rather, the shapes of different samples can be compared to see whether the water quality is similar or whether mixing of waters has occurred.

In the Landfill data set, there was sufficient data (all the cations and anions for a given well analyzed on the same date) to prepare Stiff patterns for 1995/1996, 2002, 2009, and 2014, to illustrate changes over time. Not all wells, however, had data for all these dates.

At the Landfill, the Stiff patterns for the upgradient well SM-7 clearly illustrate how the closure of the waste ponds improved groundwater quality. The 1996 pattern for SM-7 is significantly larger and of a different shape than the subsequent patterns.

As expected, the Stiff patterns of downgradient wells and those immediately adjacent to the waste show larger patterns than those upgradient or cross gradient. Wells E-2 Deep shows the largest current pattern (W-2 Deep, which has the highest TDS currently, did not have sufficient

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data to plot a 2014 pattern). Well SM-6 previously (1996) had a pattern similar in size and shape to the E-2 pattern, but its current pattern is more similar to background.

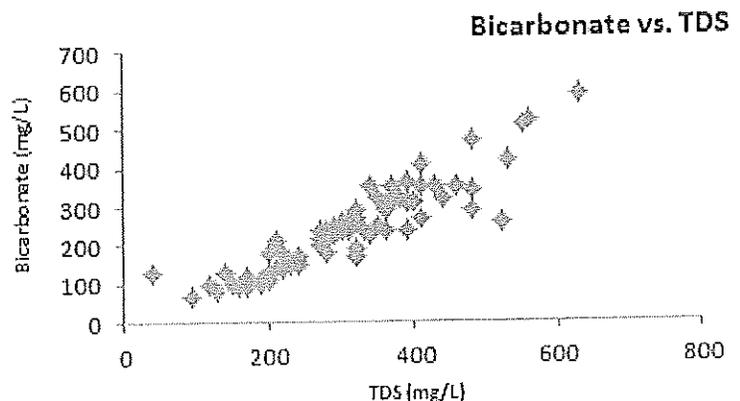
As with the TDS trends, the Stiff patterns for the E-3 pair illustrate water quality improvements since closure, by the decreasing pattern size.

There is a difference in the shape of the patterns between the E-1 Shallow/Deep location and the E-3 and E-4 location. The patterns at E-1 show similarities to the pattern of the leachate well, L-3, with a higher proportion of sodium compared to calcium. The patterns for E-3 and E-4 show a lower proportion of sodium compared to calcium. The significance of this difference is unclear, but it does suggest that groundwater quality in the E-1 location is affected by different conditions than at the E-3 / E-4 location.

### PROPOSED CHANGES TO MRP

Based on the above discussion, we propose the following changes to the monitoring program at the Landfill:

- Retain W3S, 8-shallow, 10-shallow, SM-7 for water-level measurements, but eliminate them for water-quality monitoring. These wells are crossgradient or upgradient of the landfill, they are between other well sets, and they show relatively stable and relatively good water quality. Keeping them on the routine monitoring schedule is not adding to a better understanding of groundwater quality, nor helping with evaluation of potential downgradient impacts.
- Evaluate the physical condition of well W-2 Deep, and eliminate from monitoring if there is evidence of damage. The pattern of TDS increase in W-2 is unusual, in that there is not a correlative increase in TDS in any of the downgradient wells. If the increase in TDS in W-2 was attributable to significant leachate migrating to groundwater over such a long period (almost 30 years), it would be expected that the downgradient wells would be showing increasing trends. All downgradient wells are showing decreasing trends, however, bringing into question whether the increase in W-2 reflects actual leachate migration. We recommend evaluating the casing with a downhole camera survey, to evaluate whether the casing is damaged. If the casing is damaged, the well should be properly abandoned.
- Reduce the routine monitoring mineral parameter set to field parameters (pH, EC, turbidity), TDS, and chloride. TDS is a good stand in for most of the routine monitoring parameters that are routinely detected. For example, see the graph to the right for bicarbonate vs. TDS. It is clear that monitoring TDS



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indicates whether bicarbonate is increasing or decreasing; graphs for the other major cations are similar.

The original intent when Title 27 was enacted back in 1992 was that a site would have a short list of indicator parameters that would be monitored routinely. The indicator parameters needed to be conservative (that is, they would quickly indicate landfill influence) and representative of other parameters. Based on these conditions, chloride generally is used as a conservative indicator of landfill influence (it is not attenuated to any degree). In the case of the Landfill, TDS clearly is a good indicator for the major cations. Typically, nitrate and sulfate are included in routine monitoring parameters, also.

- Reduce routine (semiannual) VOC monitoring to the easternmost downgradient wells (E-1 Shallow, E-1 Deep, E-3 Shallow, E-3 Deep, E-4 Shallow, and E-4 Deep). The area of concern for VOC monitoring is towards neighboring residences. Routine monitoring of VOC in the upgradient and crossgradient wells (essentially always nondetected) is not adding to compliance evaluation. Likewise, the wells in the interior of the site have only occasional detections, and continued routine monitoring does not help with compliance evaluation.
- Eliminate selected parameters. There are several parameters currently monitored that are (1) almost always nondetected, (2) not useful in evaluating landfill influence, or (3) represented by other stand-in parameters, such as TDS and chloride. Fluoride, hardness, and alkalinity, would be included in this category. For example, at the Landfill, alkalinity is almost 100% represented by bicarbonate; there is no carbonate or hydroxide alkalinity in the waters at the site. See the graph of bicarbonate vs. alkalinity; it is almost a perfect straight line.
- Monitor biennially (every other year) for VOC in all site wells with the exception of those listed in the first bullet, and for metals and mineral parameters in all site wells. As described above, the proposed routine monitoring parameters will be satisfactory for tracking trends in groundwater quality.

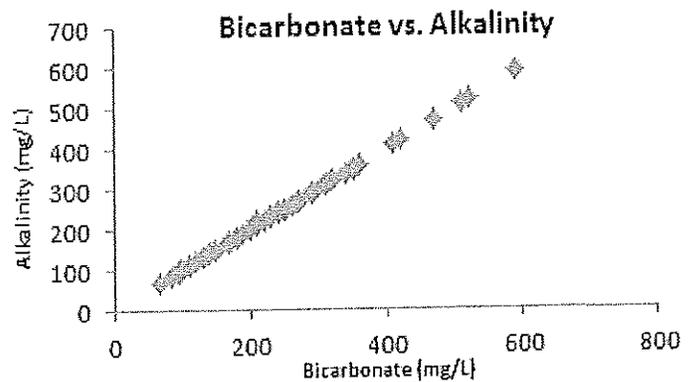
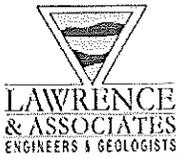
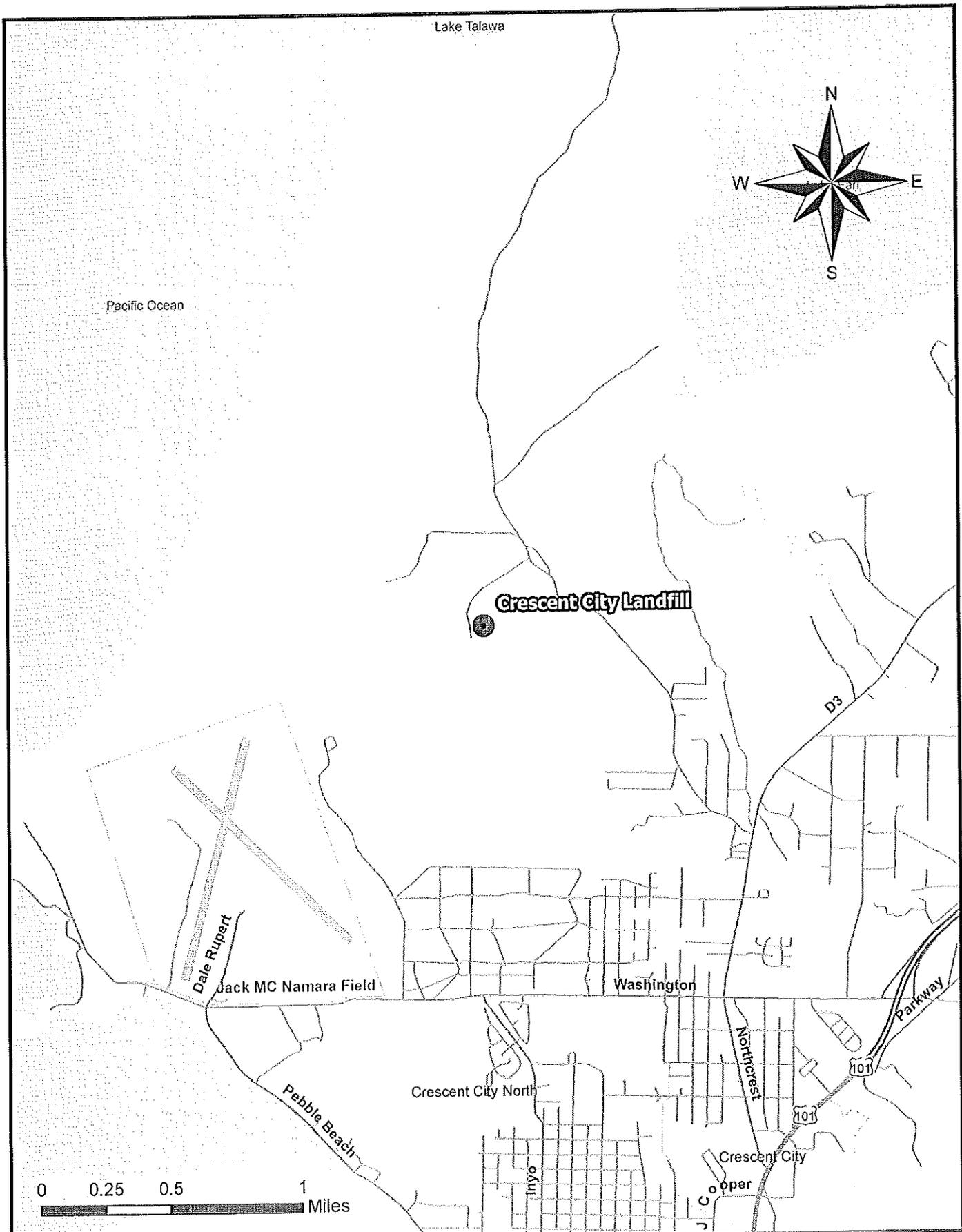


Table 1 summarizes the proposed monitoring program.

**Table 1. Proposed Groundwater Monitoring Program Changes - Parameters**

| Constituent  | Units    | Frequency  |            |
|--|----------|------------|------------|
|  |          | Current    | Proposed   |
| Depth to Water<br>(All Wells Currently in Program)   | Feet RP  | Semiannual | Semiannual |
| <b>Eliminate wells W-3 Shallow, 8-shallow, 10-shallow, and SM-7 from the following quality monitoring program.</b> |          |            |            |
| Specific Conductance   | umhos/cm | Semiannual | Semiannual |
| pH   | pH Units | Semiannual | Semiannual |
| Total Dissolved Solids   | mg/L     | Semiannual | Semiannual |
| Chloride   | mg/L     | Semiannual | Semiannual |
| Chemical Oxygen Demand   | mg/L     | Semiannual | Biennial   |
| Bicarbonate/Carbonate  | mg/L     | Semiannual | Biennial   |
| Nitrate  | mg/L     | Semiannual | Biennial   |
| Sulfate  | mg/L     | Semiannual | Biennial   |
| Sodium, Potassium, Calcium, Magnesium  | mg/L     | Semiannual | Biennial   |
| Metals   | µg/L     | Semiannual | Biennial   |
| Total Alkalinity   | mg/L     | Semiannual | Eliminate  |
| Hardness   | mg/L     | Semiannual | Eliminate  |
| Fluoride   | mL/L     | Semiannual | Eliminate  |
| VOC<br>E-1 Shallow, E-1 Deep, E-3 Shallow, E-3 Deep, E-4 Shallow, and E-4 Deep                                     | µg/L     | Semiannual | Semiannual |
| VOC<br>All Other Wells   | µg/L     | Semiannual | Biennial   |

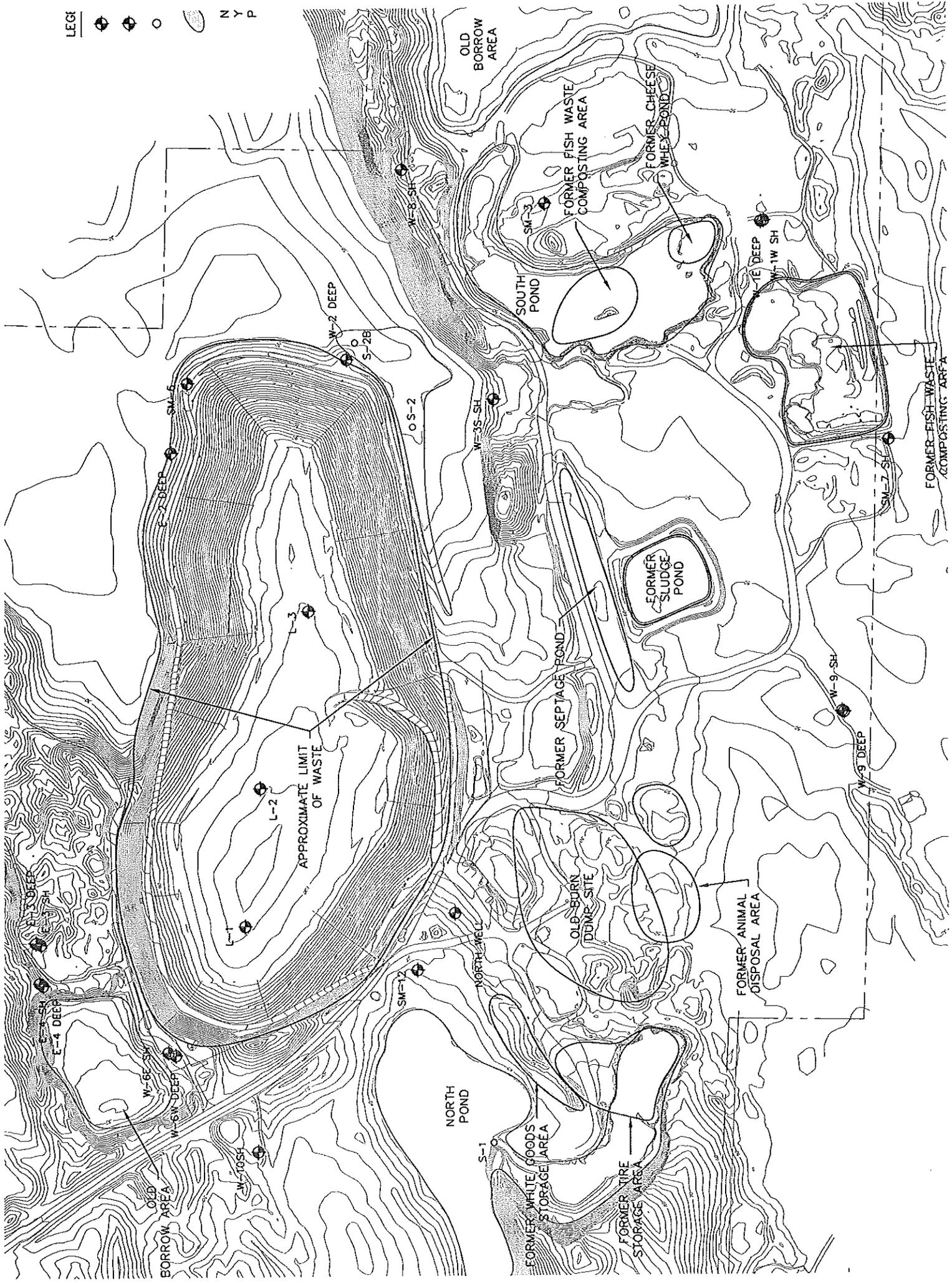
DRAFT



### SITE VICINITY MAP

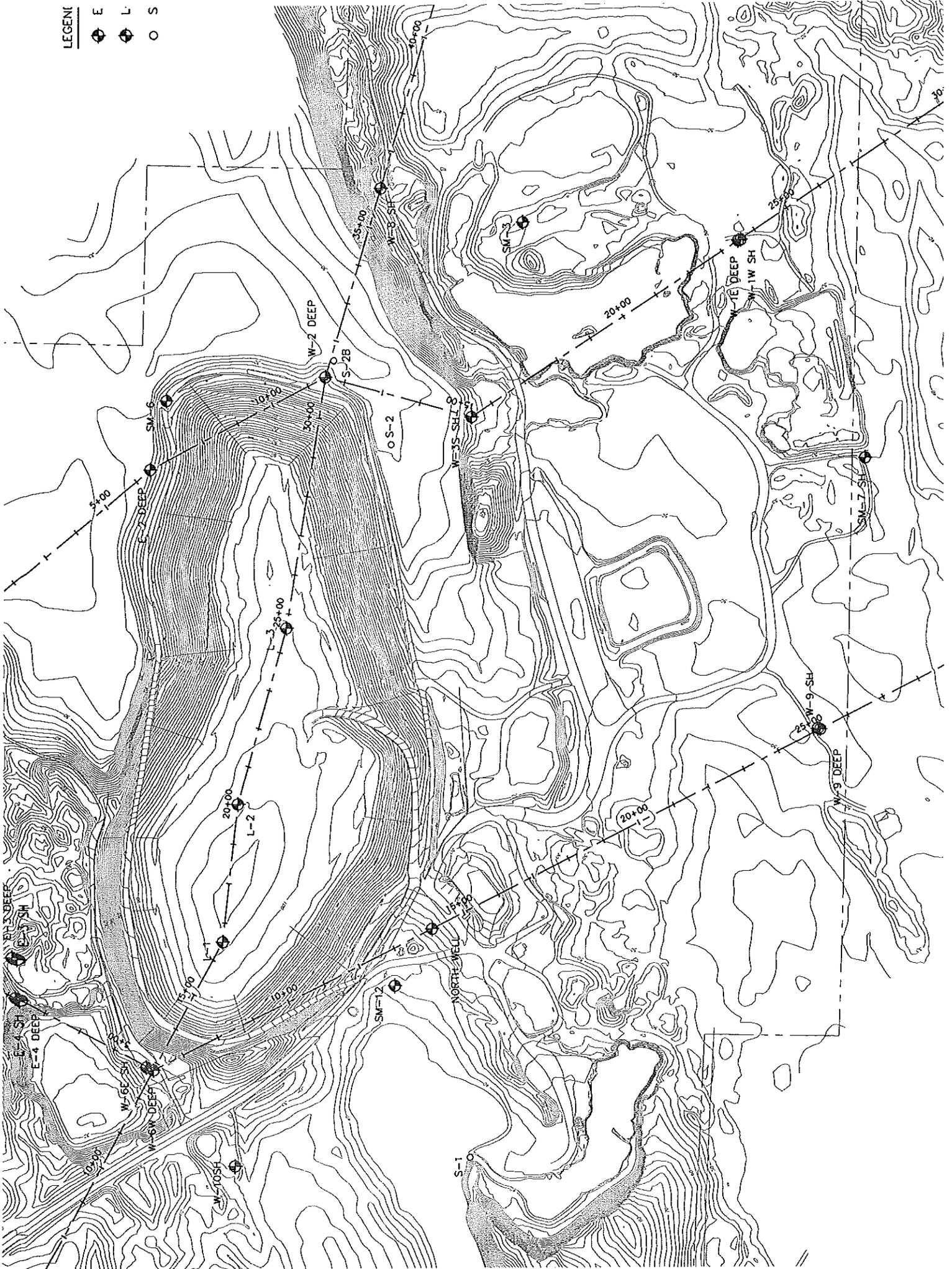
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| CLIENT:<br>DEL NORTE CO.            | DRAWN BY:<br>D. ZAITZ     | <b>FIGURE 1</b>    |
| SCALE:<br>1 in = 0.5 miles          | CHECKED BY:<br>B. LAMPLEY |                    |

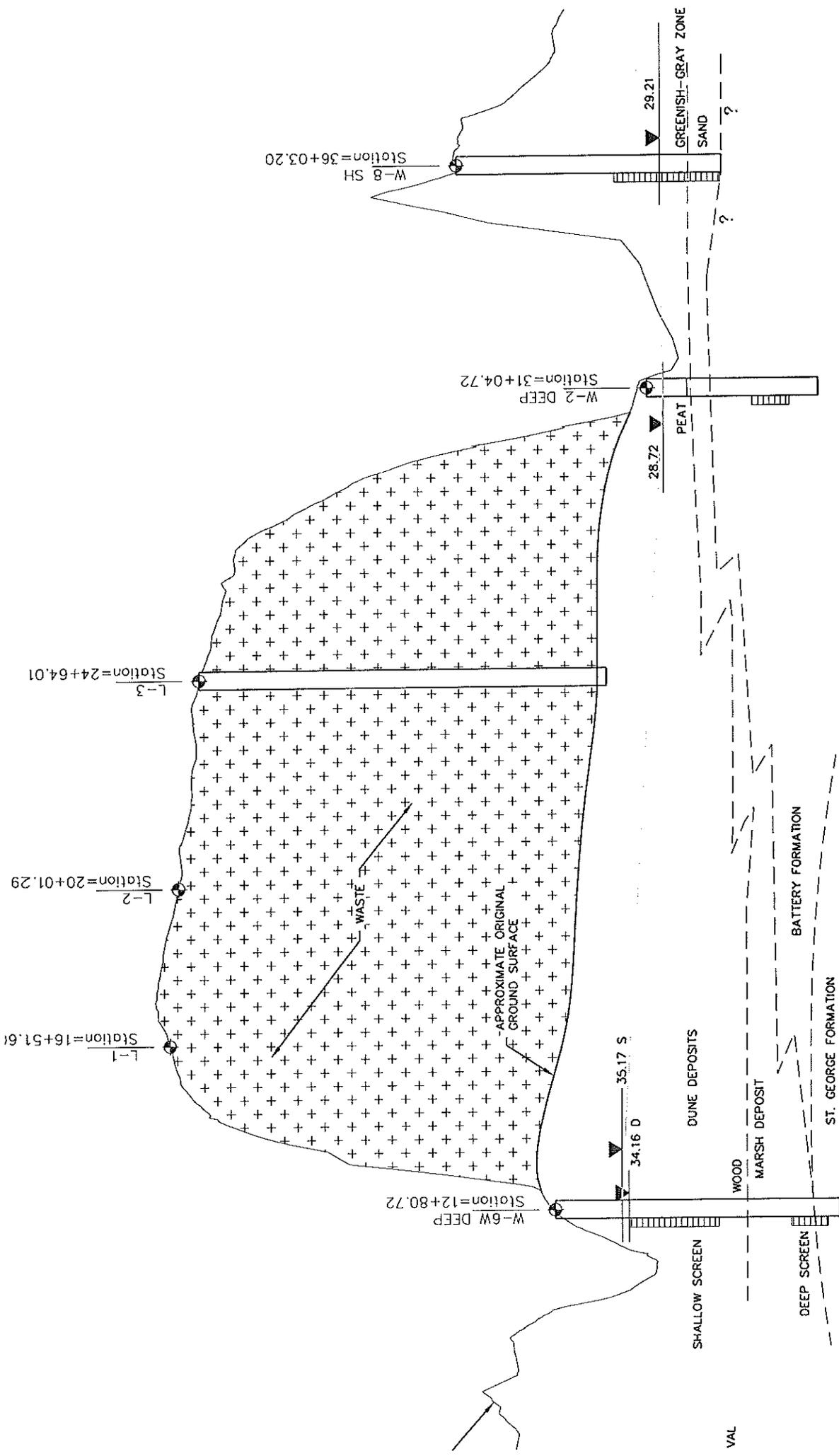
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● ○ ● ○ N Y P

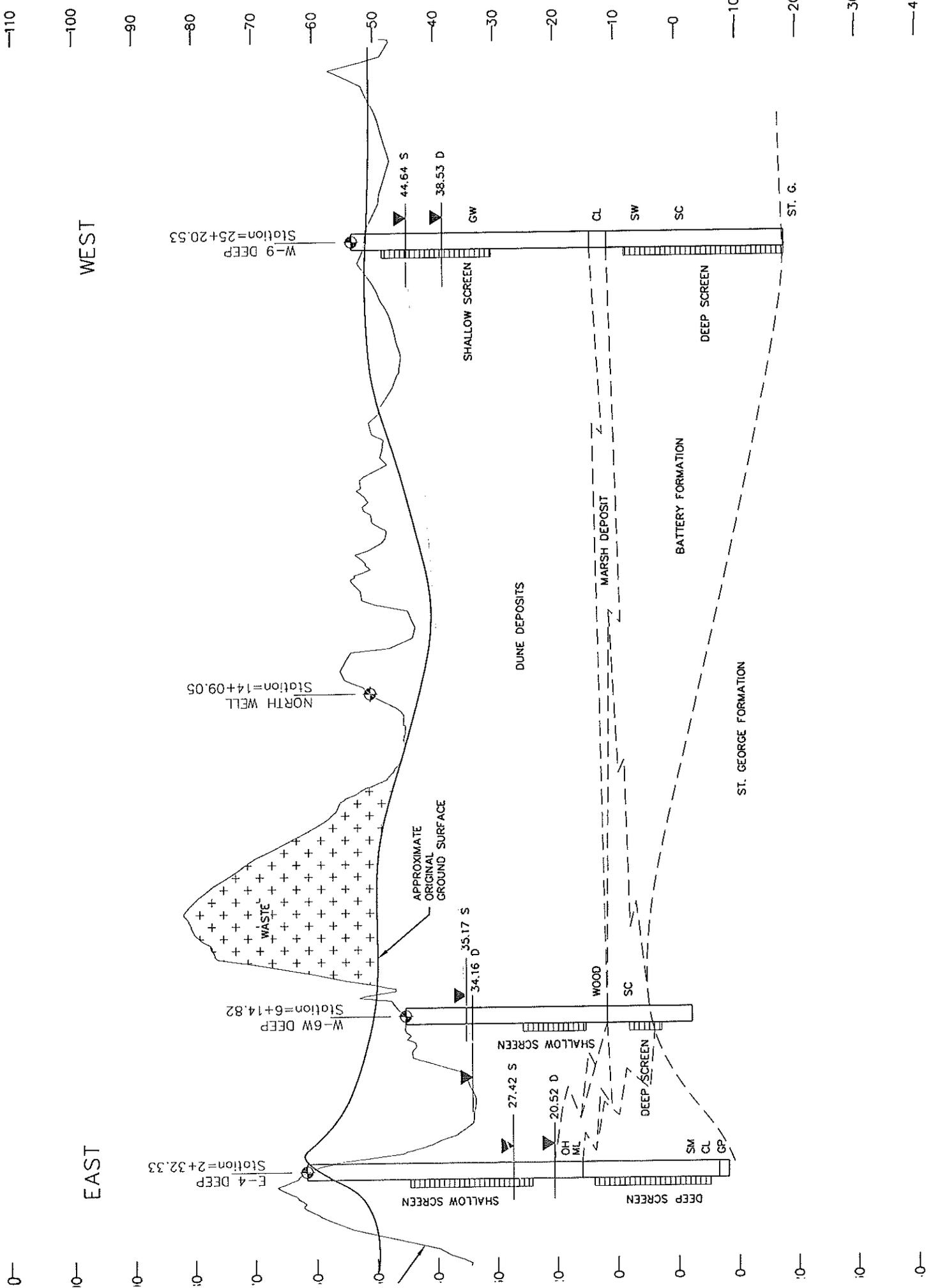


LEGEND

- ⊕ E
- ⊕ L
- S

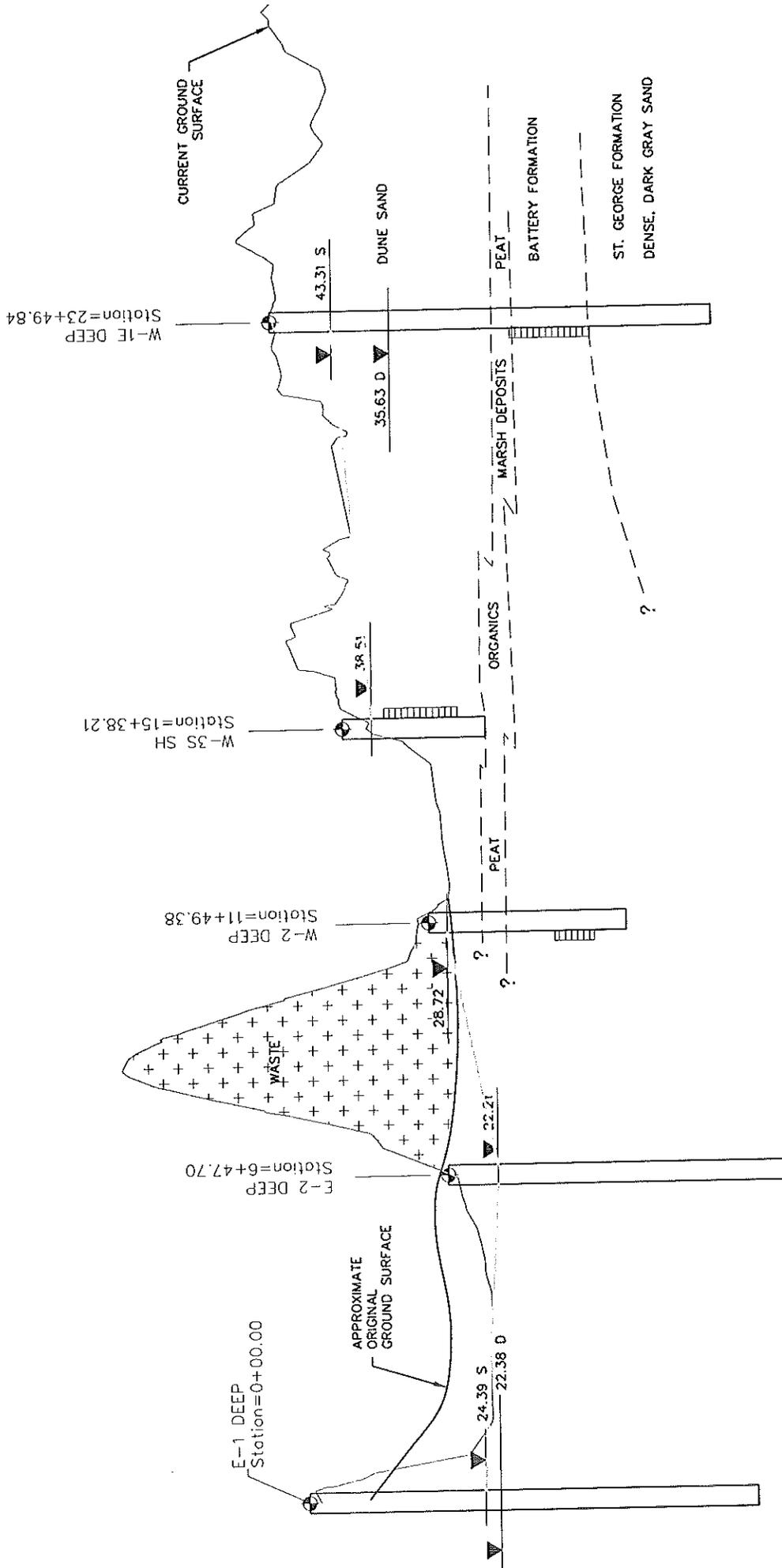






WEST

EAST

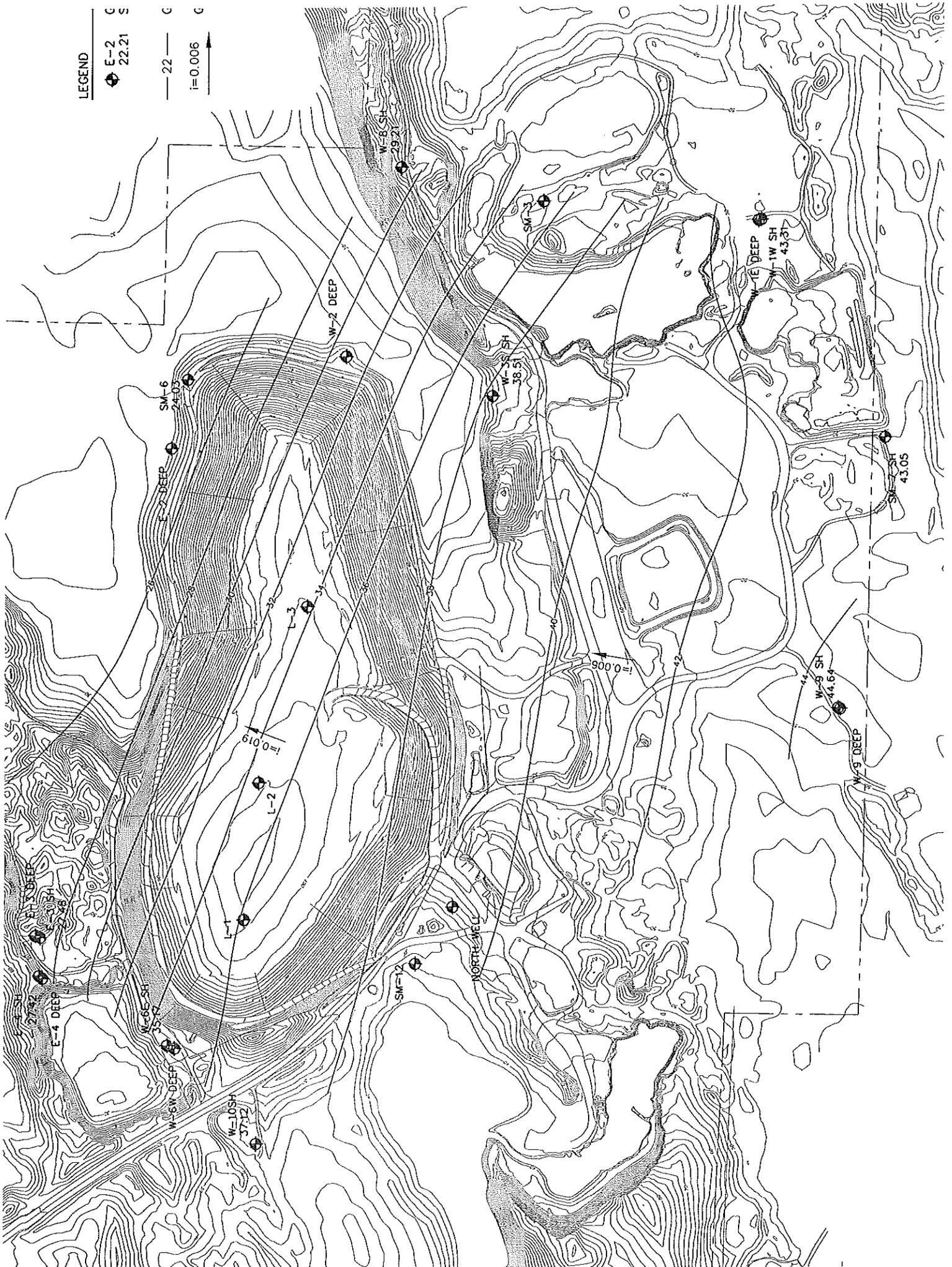


LEGEND

● E-2 C  
22.21 S

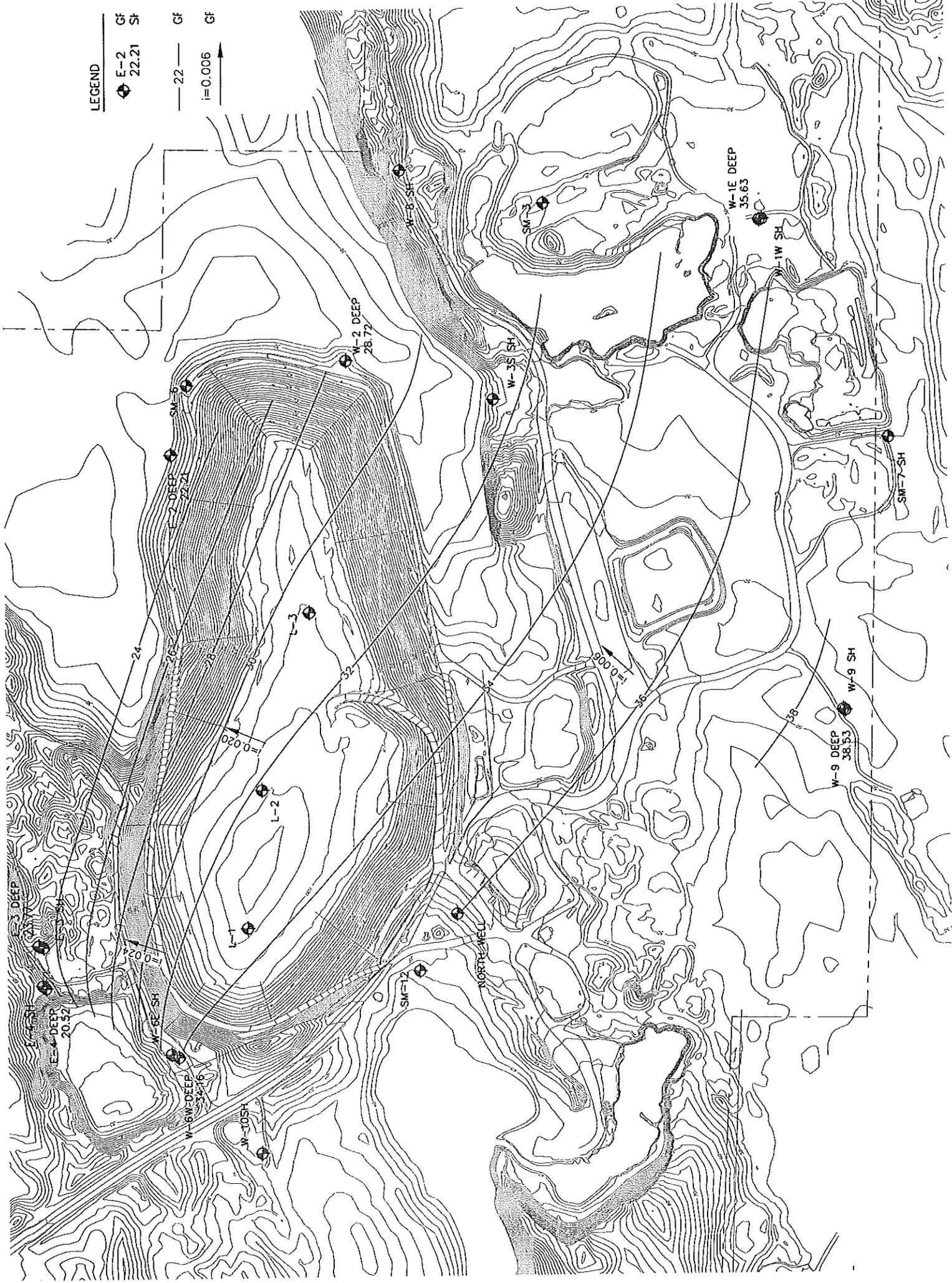
— 22 — C

i=0.006 C



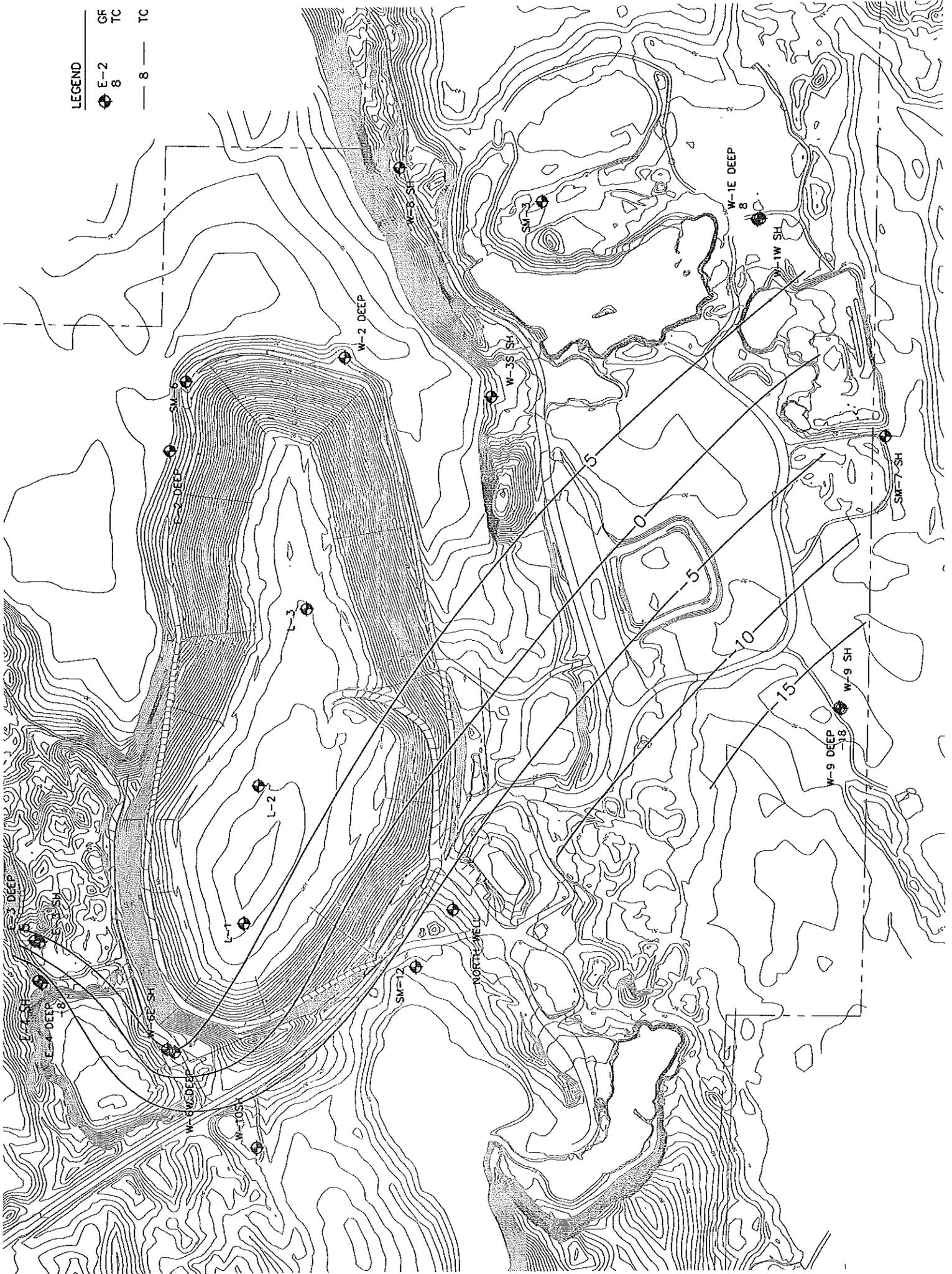
LEGEND

 E-2 GF 22.21 Sh  
 22 GF  
 I=0.006 GF

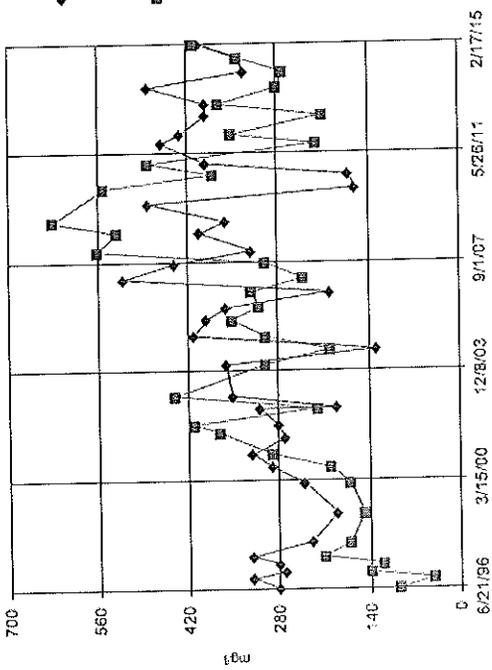


LEGEND

- ⊕ E-2
- ⊕ 8
- ⊕ TC
- 8 — TC

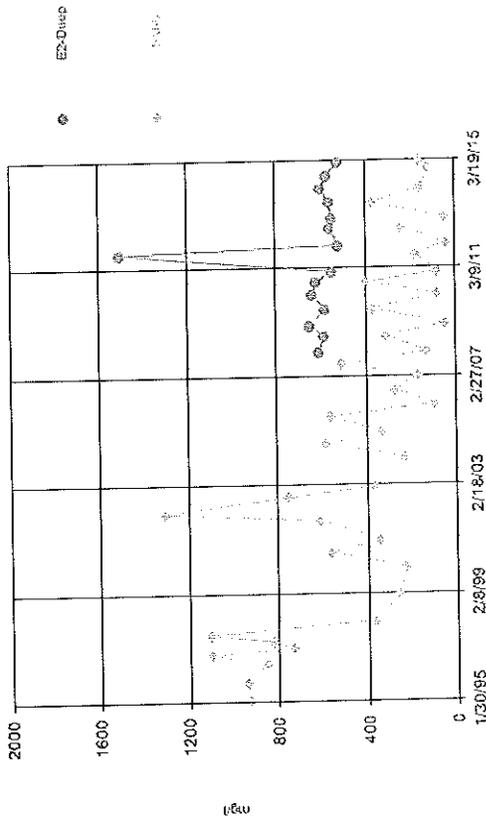


Time Series



WQStar Plus™ v.9.4.41

Time Series



WQStar Plus™ v.9.4.41

Time Series

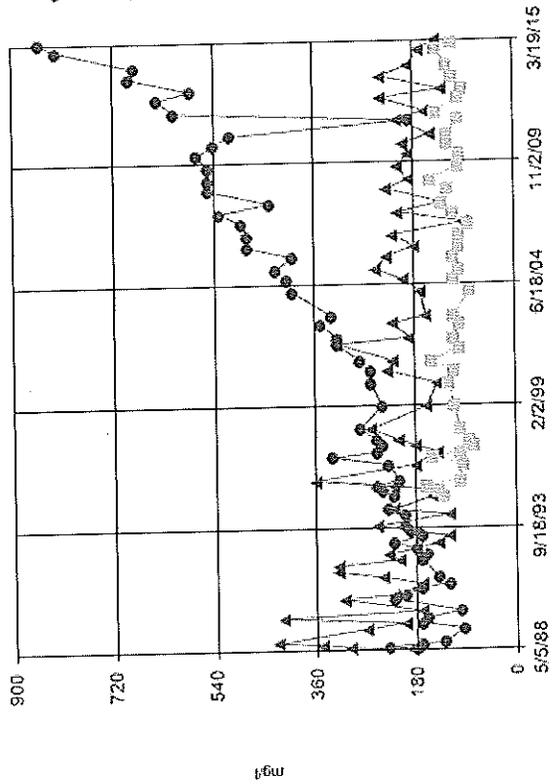
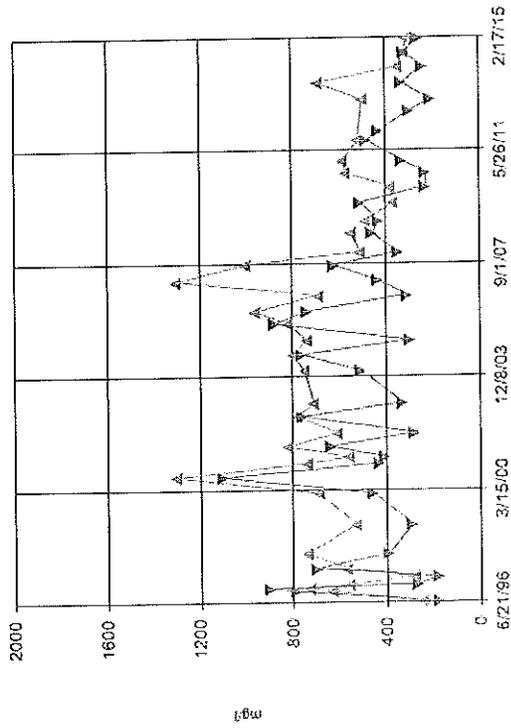


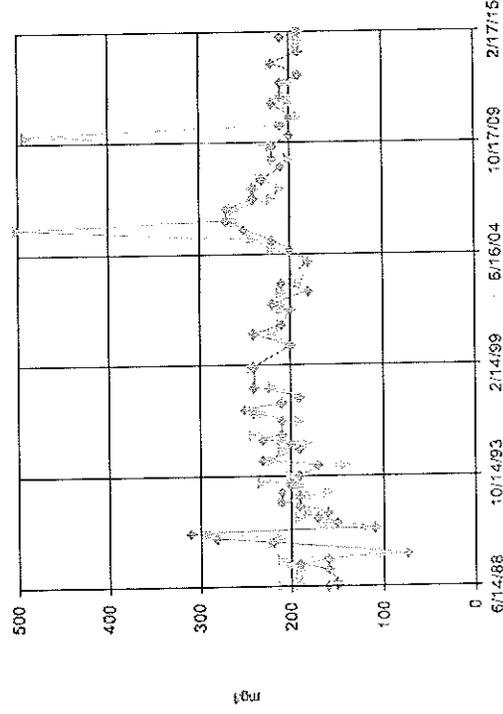
FIGURE 10

Time Series



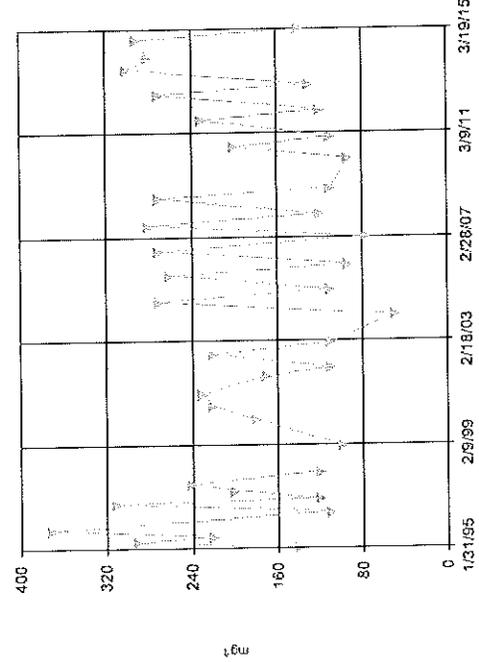
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Time Series



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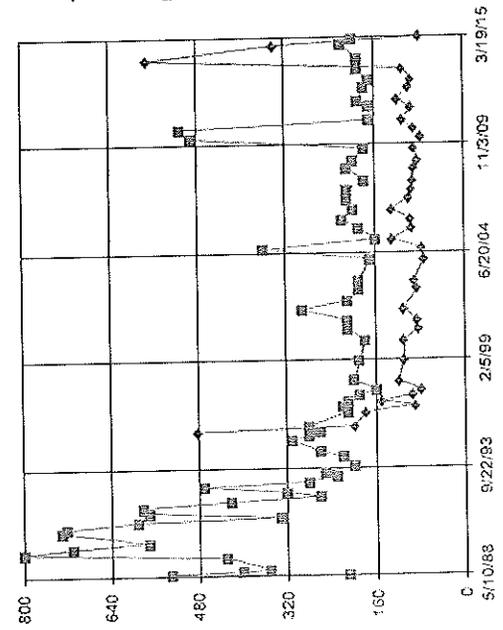
Time Series



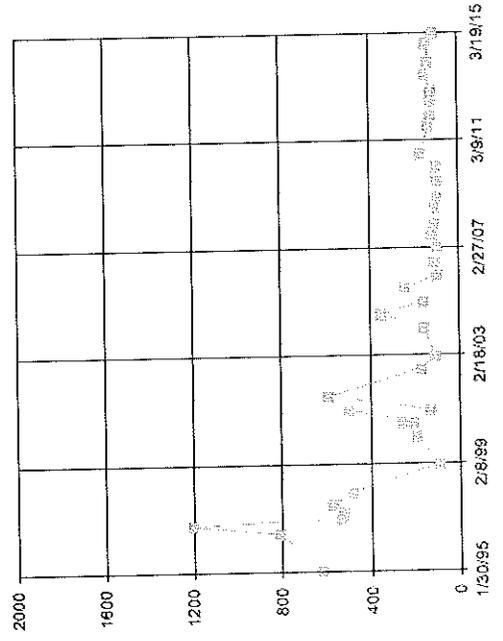
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FIGURE 11

Time Series



Time Series



Time Series

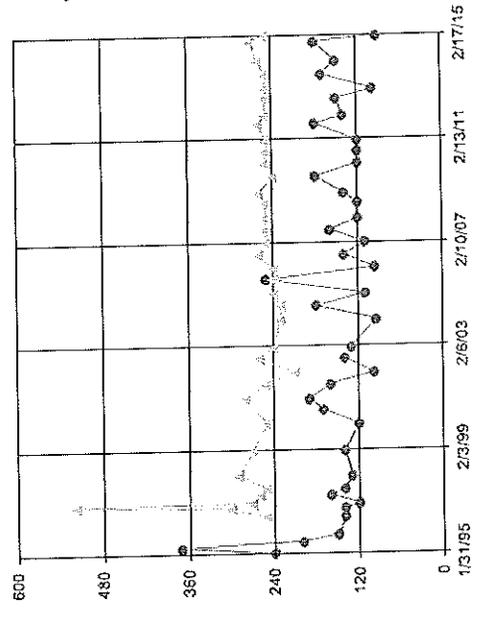
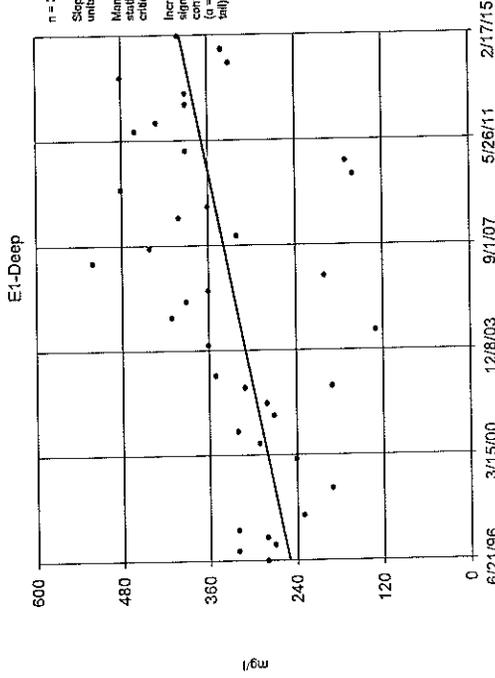


FIGURE 12



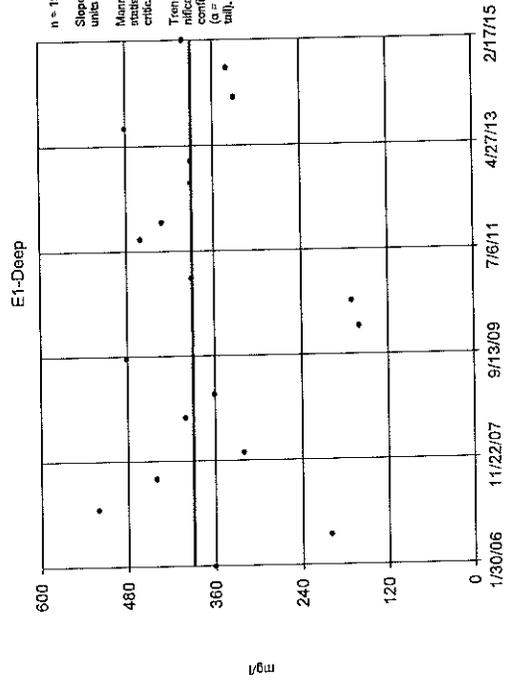
**ATTACHMENT A**  
**STATISTICAL ANALYSIS SHEETS**

### Sen's Slope Estimator



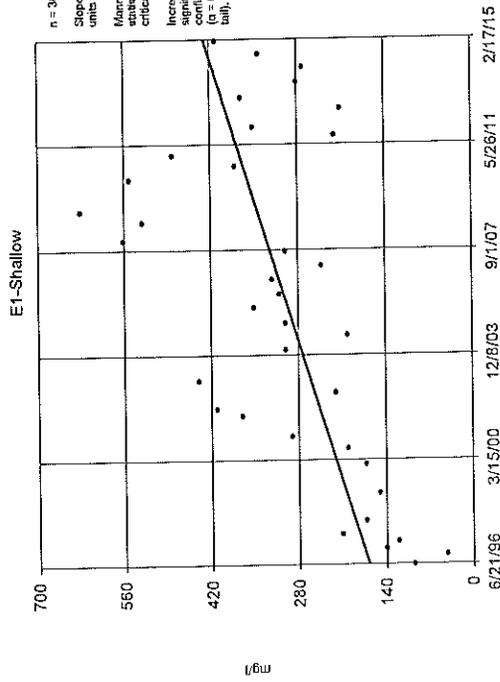
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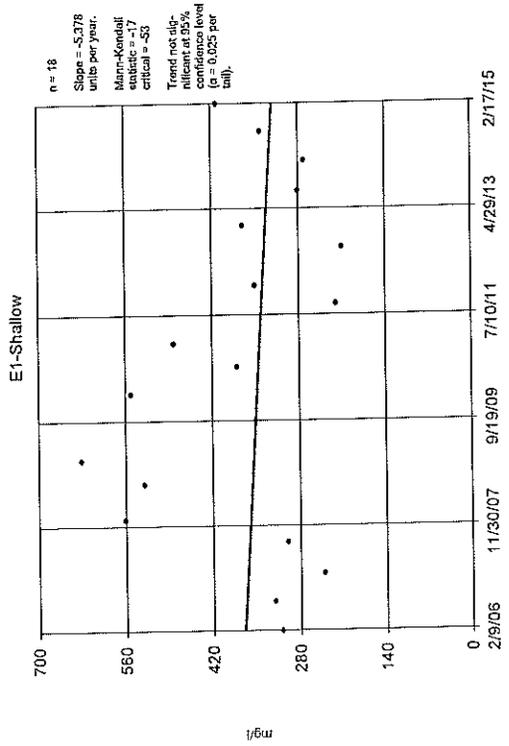
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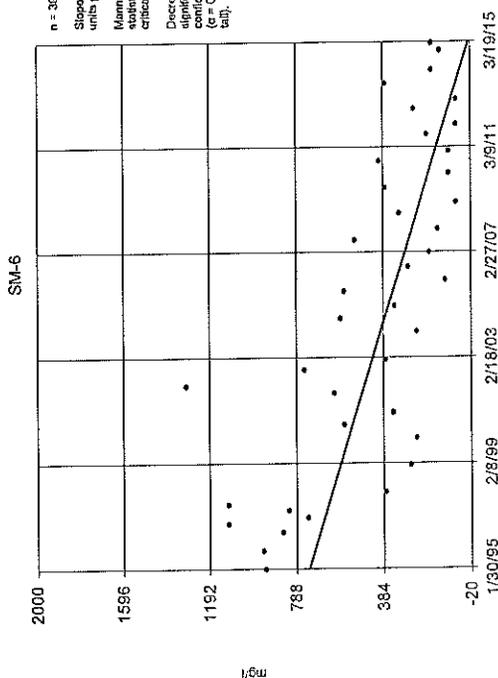
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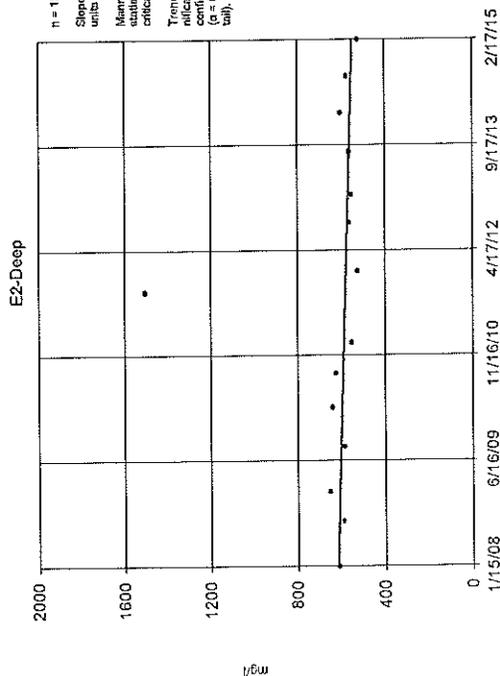
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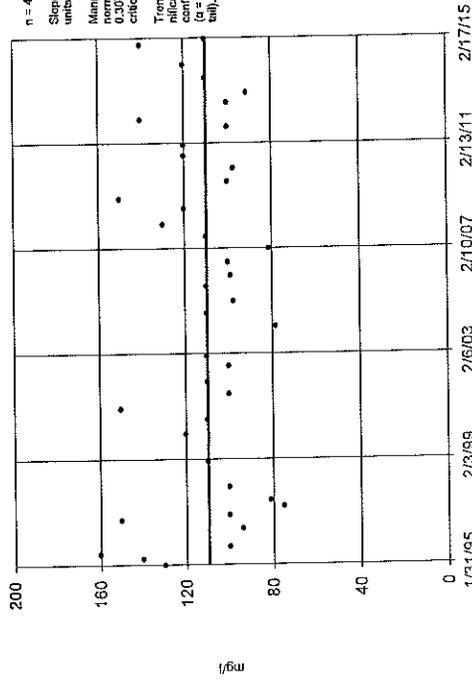
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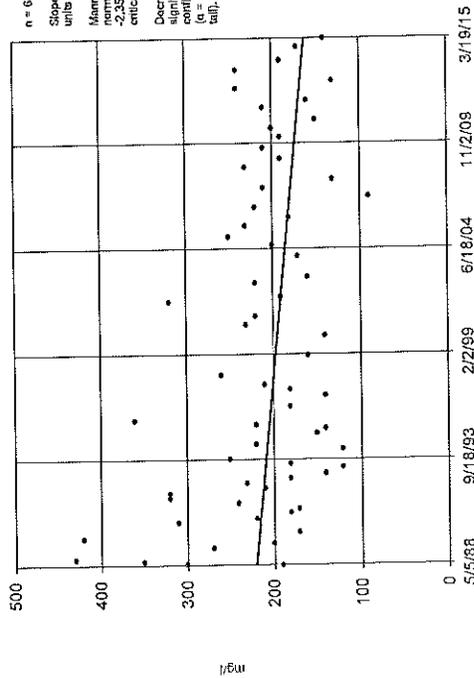
B-Shallow



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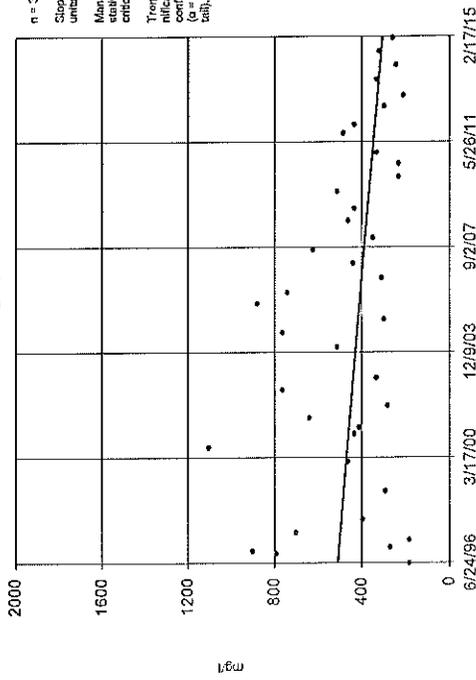
### Sen's Slope Estimator

W3S



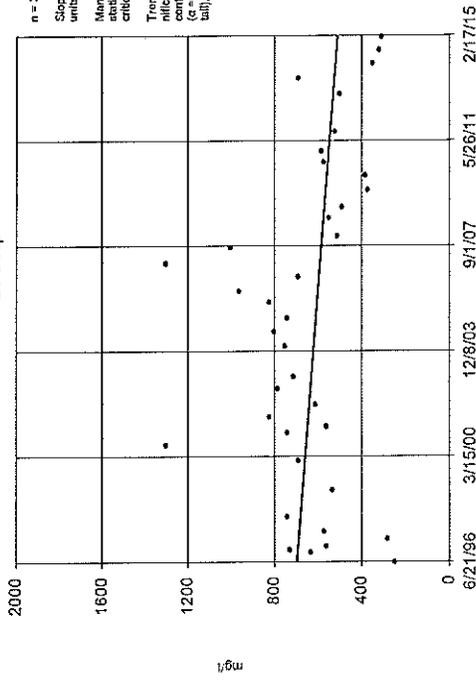
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### Sen's Slope Estimator E3-Shallow



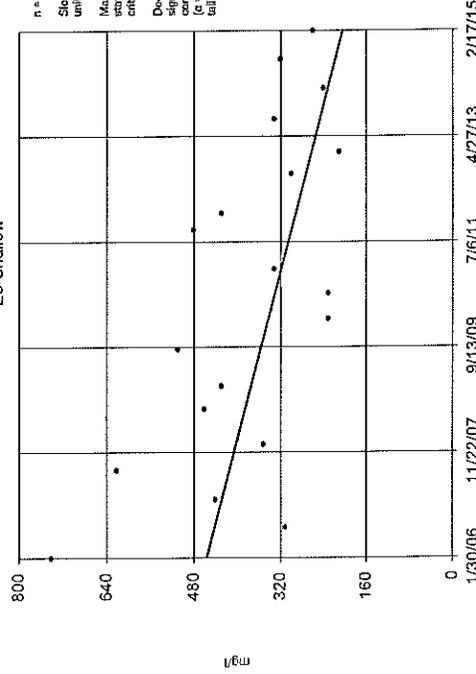
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### Sen's Slope Estimator E3-Deep



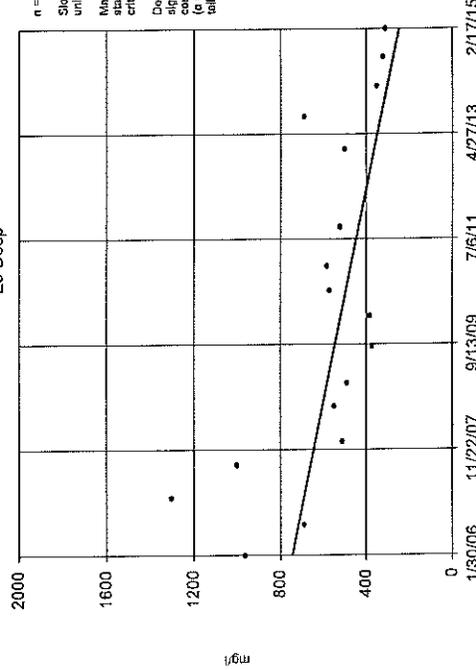
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### Sen's Slope Estimator E3-Shallow



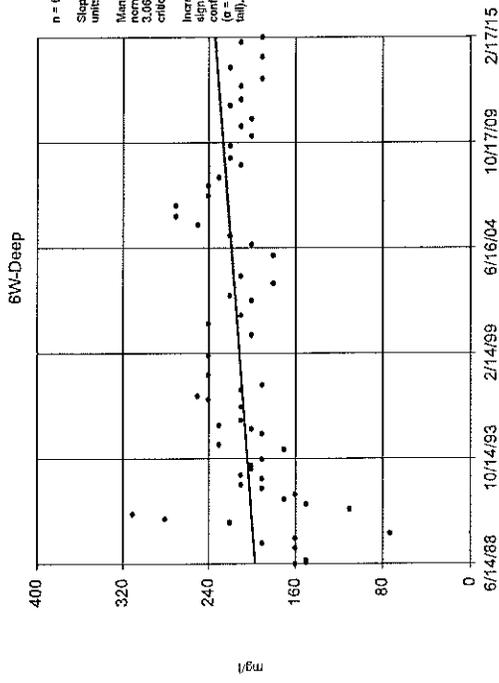
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### Sen's Slope Estimator E3-Deep



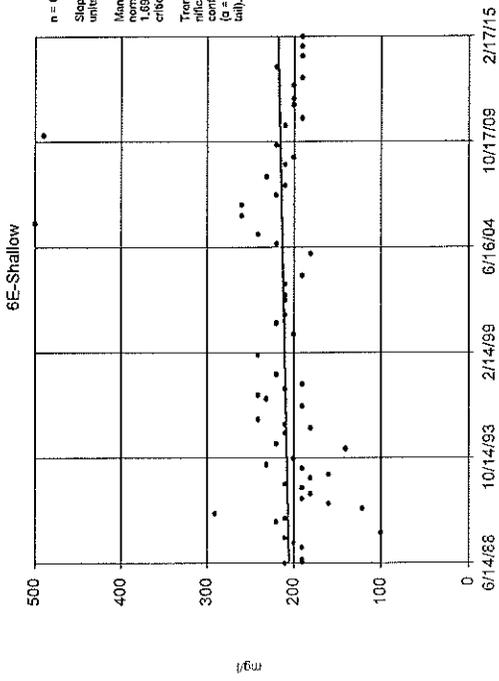
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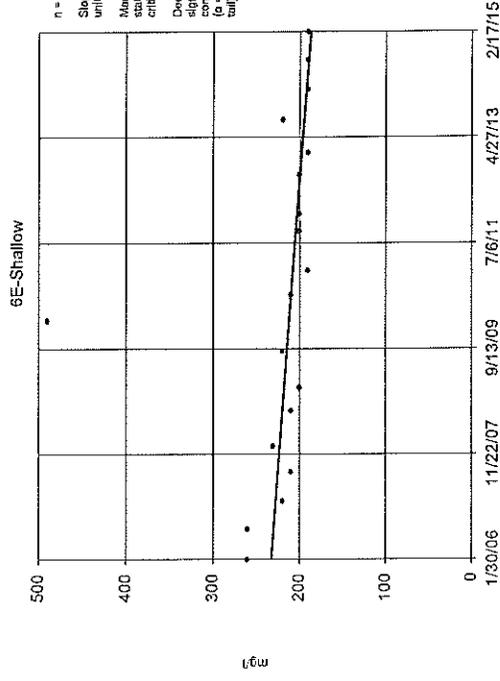
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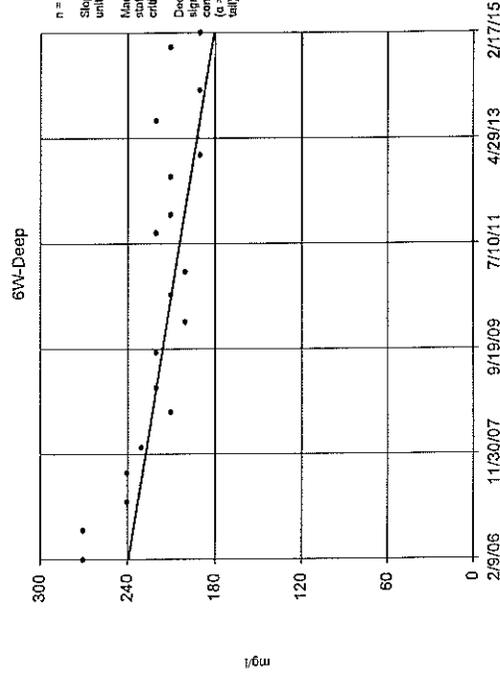
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### Sen's Slope Estimator



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### Sen's Slope Estimator



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# CHANGE ORDER 1

**CONTRACT:** PROFESSIONAL SERVICES AGREEMENT  
**PROJECT:** CRESCENT CITY LANDFILL ENVIRONMENTAL SERVICES

**CONTRACTOR:** LAWRENCE & ASSOCIATES  
**AGENCY:** DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
**SUBJECT:** RESIDENTIAL SAMPLING PLAN AND PROTOCOL

**NATURE OF CHANGES:** This Change Order adds Task A2.4 to the Scope of Services.

Under Task A2.4, CONTRACTOR will draft a Residential Sampling Plan and protocol, specifying which wells are to be targeted, the well purging protocol, the tests to be conducted on the samples collected, and the frequency and duration of such sampling. Budget for this task includes costs associated with minor revisions if so requested by staff from the North Coast Regional Water Quality Control Board or the Authority. Authority staff and legal counsel will be responsible for correspondence and obtaining permission from the residences, and the specific well(s) to be sampled may be modified if permission from property owners is not obtained. Authority and Del Norte county staff will collect the samples, pay for lab analysis, and submit the lab results to the appropriate staff of the North Coast Regional Water Quality Control Board.

**Contract Time:** Remains unchanged. A draft of the Residential Sampling Plan will be submitted within 30 days of the execution of this Change Order.

**Contract Price:** This Change Order makes the following changes to the Contract Price: Prior to this Change Order, the total contract amount was \$24,307.00. For Task A2.4, this Change Order adds \$500.00, resulting in a total contract amount of \$24,807.00 after this Change Order is adopted.

*This Change Order is hereby approved:*

DATE: \_\_\_\_\_

**Lawrence & Associates:**

**Del Norte Solid Waste Management Authority:**

BY: \_\_\_\_\_  
Bonnie Langley, President

BY: \_\_\_\_\_  
Richard Holley, Chair

ATTEST:

ATTEST:

\_\_\_\_\_  
Corporate Secretary

\_\_\_\_\_  
, Secretary

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
Martha D. Rice, General Counsel

2.3



# INVOICE

## Annual Permit Fees Required by Sections 13260 & 13269 of the California Water Code

FACILITY ID (WDID): 1A77002ODN  
FACILITY NAME: DEL NORTE COUNTY, CRESCENT CIT  
OLD MILL  
CRESCENT CITY, CA 95531

INVOICE NO: WD-0108614  
BILLING PERIOD: 07/01/15 - 06/30/16  
INVOICE DATE: 11/2/2015  
INDEX NO: 253593



Total Amount Due by  
Wednesday, December 2, 2015

\$ 57,191.00

DEL NORTE SOLID WASTE MANAGEME  
TEDD WARD  
1700 STATE STREET  
CRESCENT CITY, CA 95530

Invoice details are shown on the back

### STATE WATER RESOURCES CONTROL BOARD Annual Permit Fee

Facility ID: 1A77002ODN

Billing Period: 07/01/15 - 06/30/16

Invoice No: WD-0108614

Amount Due: \$ 57,191.00

Due By: Wednesday, December 2, 2015

**PLEASE REMIT YOUR PAYMENT ON OR BEFORE THE DUE DATE SHOWN ABOVE. LATE PAYMENT COULD RESULT IN PENALTIES UNDER PROVISIONS OF THE WATER CODE SECTION 13261. THESE ACTIONS COULD INCLUDE DAILY PENALTIES IN ADDITION TO YOUR FEE OR OTHER ACTIONS DEEMED APPROPRIATE BY THE REGIONAL BOARD.**

Make your check payable to State Water Resources Control Board

If you have any questions about this invoice, please call the Water Board at 707-576-2656.



Retain this portion for your records

Please detach and return this portion with your payment

CHECK HERE FOR ADDRESS CORRECTION ON THE BACK

INVOICE NO: WD-0108614

INDEX NO: 253593

(Please print the above number on check or money order)

DEL NORTE SOLID WASTE MANAGEME  
TEDD WARD  
1700 STATE STREET  
CRESCENT CITY, CA 95530  
(707) 465-1100

SWRCB  
PO BOX 1888  
SACRAMENTO, CA 95812-1888

AMOUNT DUE: \$57,191.00  
BILLING PERIOD: 07/01/15 - 06/30/16  
DUE BY: 12/2/15  
FACILITY ID (WDID): 1A77002ODN  
FACILITY NAME: DEL NORTE COUNTY, CRESCENT CIT  
OLD MILL  
CRESCENT CITY, CA 95531

2.4

**STATE WATER RESOURCES CONTROL BOARD  
INVOICE DETAILS**

FACILITY ID (WDID): 1A77002ODN  
ORDER NO: 97-090

INVOICE NO: WD-0108614  
BILLING PERIOD: 07/01/15 - 06/30/16  
REGION: 1

| DESCRIPTION  | AMOUNT              |
|--|---------------------|
| 59<br>LANDFILL<br>Fee Basis: Threat/Complexity 1A    | 70,781.00           |
| <b>Subtotal</b>                                      | <b>70,781.00</b>    |
| 59A<br>SUB 15 SURCHARGE<br>Fee Basis: Invoice Credit | -13,590.00          |
| <b>TOTAL AMOUNT DUE</b>                              | <b>\$ 57,191.00</b> |

If you have any questions about this invoice, please call  
the Water Board at 707-576-2656.

Or you may send an email to LFoster@waterboards.ca.gov

For payment status of your invoice, please go to the "Stormwater and Wastewater permit Fee Invoice Information" link at

<http://infofees.waterboards.ca.gov/FeeInfo/DischargerInvoice.aspx>

Please allow 15 business days after mailing for your payment to be posted to the database.

**BILLING ADDRESS CORRECTIONS**

Please print the new billing address information in the space provided below

Please check box if the facility has changed ownership.

FACILITY ID (WDID): 1A77002ODN DEL NORTE COUNTY, CRESCENT CIT

BILLING NAME:

CONTACT PERSON:

STREET:

CITY:

STATE:  ZIP:

PHONE: (  )

EMAIL ADDRESS:

## 2015-16 Fee Schedules

### CALIFORNIA CODE OF REGULATIONS TITLE 23. Division 3. Chapter 9. Waste Discharge Reports and Requirements Article 1. Fees

#### Section 2200. Annual Fee Schedules.

Each person for whom waste discharge requirements have been prescribed pursuant to Section 13263 of the Water Code shall submit, to the State Board, an annual fee in accordance with the following schedules. The fee shall be submitted for each waste discharge requirement order issued to that person.<sup>1</sup>

(a) The annual fees for persons issued waste discharge requirements (WDRs), except as provided in subdivisions (a)(3), (a)(4), (b), and (c), shall be based on the discharge's threat to water quality (TTWQ) and complexity (CPLX) rating according to the following fee schedule, plus applicable surcharge(s). For Fiscal Year 2015-16, Land Disposal dischargers Not Paying a Tipping Fee will receive a 19.2 percent fee reduction of the calculated fee, prior to the addition of any applicable surcharge. For Fiscal Year 2015-16, Land Disposal dischargers Paying a Tipping Fee will receive an 18.8 percent fee reduction of the calculated fee, prior to the addition of any applicable surcharge.

| ANNUAL FEE SCHEDULE FOR WASTE DISCHARGE REQUIREMENTS |                   |  |                                       |                                   |
|--|-------------------|--|---------------------------------------|-----------------------------------|
| Threat to Water Quality (TTWQ)                       | Complexity (CPLX) | Type of Discharge                                |                                       |                                   |
|  |                   | Discharge to Land or Surface Waters <sup>2</sup> | Land Disposal <sup>3</sup>            |                                   |
|  |                   |  | Not Paying a Tipping Fee <sup>4</sup> | Paying a Tipping Fee <sup>5</sup> |
| 1  | A                 | \$109,095  | \$70,781 <sup>6</sup>                 | \$59,252 <sup>6</sup>             |
| 1  | B                 | \$68,901   | \$57,168                              | \$47,856                          |
| 1  | C                 | \$37,178   | \$36,751                              | \$30,766                          |
| 2  | A                 | \$24,833   | \$30,625                              | \$25,638                          |
| 2  | B                 | \$14,929   | \$24,502                              | \$20,510                          |

<sup>1</sup> Federal facilities will generally not be invoiced for the portion of the annual fee that is attributable to the State Board's ambient water monitoring programs. See *Massachusetts v. United States* (1978) 435 U.S. 444.

<sup>2</sup> For this table, discharges to land or surface waters are those discharges of waste to land or surface waters not covered by NPDES permits that are regulated pursuant to Water Code Section 13263 that do not implement the requirements of Title 27 of the California Code of Regulations (CCR). Examples include, but are not limited to, wastewater treatment plants, erosion control projects, and septic tank systems. It does not include discharge of dredge or fill material, discharges from agricultural lands, including irrigated lands, or discharge from animal feeding operations.

Dischargers covered by a WDR for municipal and domestic discharges with permitted flows of less than 50,000 gallons per day in categories 2-B, 2-C, 3-B and 3-C will receive a 50 percent fee discount. The design flow shall be used where no permitted flow is present. Municipal and domestic discharges receiving the discount are defined as discharges from facilities that treat domestic wastewater or a mixture of wastewater that is predominately domestic wastewater. Domestic wastewater consists of wastes from bathroom toilets, showers, and sinks from residential kitchens and residential clothes washing. It does not include discharges from food preparation and dish washing in restaurants or from commercial laundromats. Dischargers covered by a Landscape Irrigation General Permit issued by the State Water Board will be assessed a fee associated with TTWQ/CPLX rating of 3B.

<sup>3</sup> For this table, land disposal discharges are those discharges of waste to land that are regulated pursuant to Water Code Section 13263 that implement the requirements of CCR Title 27, Division 2, except Chapter 7, Subchapter 2, §22560-22565 (confined animal facilities). Examples include, but are not limited to, discharges associated with active and closed landfills, waste piles, surface impoundments, and mines.

<sup>4</sup> For this table, Not Paying a Tipping Fee are those land disposal dischargers not subject to Public Resources Code (PRC) § 48000 et seq.

<sup>5</sup> For this table, Paying a Tipping Fee are those land disposal dischargers subject to PRC § 48000 et seq.

<sup>6</sup> A surcharge of \$12,000 will be added for Class I landfills. Class I landfills are those that, during the time they are, or were, in operation, are so classified by the Regional Board under 23 CCR Chapter 15, have WDRs that allow (or, for closed units, allowed) them to receive hazardous waste, and have a permit issued by the Department of Toxic Substances Control under 22 CCR Chapter 10, § 66270.1 et seq.

## 2015-16 Fee Schedules

|   |   |          |          |          |
|---|---|----------|----------|----------|
| 2 | C | \$11,195 | \$18,376 | \$15,383 |
| 3 | A | \$8,823  | \$12,250 | \$10,256 |
| 3 | B | \$4,699  | \$9,188  | \$7,690  |
| 3 | C | \$2,088  | \$4,082  | \$3,419  |

Oil and gas produced water storage and disposal facilities regulated by waste discharge requirements are subject to a surcharge as follows:

| Barrels/Year  | Surcharge |
|---------------|-----------|
| 0-19,999      | \$4,500   |
| 20,000-99,999 | \$9,000   |
| 100,000+      | \$13,500  |

(1) Threat to water quality (TTWQ)<sup>7</sup> and complexity (CPLX) of the discharge is assigned by the Regional Board in accordance with the following definitions:

### THREAT TO WATER QUALITY

Category "1" – Those discharges of waste that could cause the long-term loss of a designated beneficial use of the receiving water. Examples of long-term loss of a beneficial use include the loss of drinking water supply, the closure of an area used for water contact recreation, or the posting of an area used for spawning or growth of aquatic resources, including shellfish and migratory fish.

Category "2" – Those discharges of waste that could impair the designated beneficial uses of the receiving water, cause short-term violations of water quality objectives, cause secondary drinking water standards to be violated, or cause a nuisance.

Category "3" – Those discharges of waste that could degrade water quality without violating water quality objectives, or could cause a minor impairment of designated beneficial uses as compared with Category 1 and Category 2.

### COMPLEXITY

Category "A" – Any discharge of toxic wastes; any small volume discharge containing toxic waste; any facility having numerous discharge points and groundwater monitoring; or any Class 1 waste management unit.

Category "B" – Any discharger not included in Category A that has physical, chemical, or biological treatment systems (except for septic systems with subsurface disposal), or any Class 2 or Class 3 waste management units.

Category "C" – Any discharger for which waste discharge requirements have been prescribed pursuant to Section 13263 of the Water Code not included in Category A or Category B as described above. Included are dischargers having no waste treatment systems or that must comply with best management practices, dischargers having passive treatment and disposal systems, or dischargers having waste storage systems with land disposal.

<sup>7</sup> In assigning a category for TTWQ, a regional board should consider duration, frequency, seasonality, and other factors that might limit the impact of the discharge.

## 2015-16 Fee Schedules

(2) For dischargers covered under Statewide General WDRs for Sanitary Sewer Systems, the TTWQ and CPLX designations are assigned based on the population served by the sanitary sewer system. The table below describes the correlation between population served and TTWQ and CPLX designations to determine the appropriate annual fee:

| Population Served <sup>8</sup> | Threat and Complexity Designation |
|--------------------------------|-----------------------------------|
| Less than 50,000               | 3C                                |
| 50,000 or more                 | 2C                                |

(3) The fees for discharges of dredge and fill material shall be as follows.<sup>9</sup>

| STANDARD FEE                                     |                                    |   |  |
|--|------------------------------------|---|--|
| Discharge Category                               | Application Fee <sup>10</sup>      | Annual Active Discharge Fee <sup>11</sup> | Annual Post-Discharge Monitoring Fee <sup>12</sup> |
| (A) Fill and Excavation <sup>13</sup> Discharges | Discharge length in feet x \$13.50 | \$600                                     | \$300  |

<sup>8</sup> Assumes 2.5 persons per equivalent dwelling unit (EDU).

<sup>9</sup> i. For "excavation" the area of the discharge is the area of excavation; if the excavated material is then discharged to waters, an additional "fill" fee will be assessed.  
 ii. When a single project includes multiple discharges within a single dredge and fill fee category, the fee for that category shall be assessed based on the total area, volume, or length of discharge (as applicable) of the multiple discharges. When a single project includes discharges that are assessed under multiple standard fee categories, the total application fee shall be the sum of the application fees assessed under each applicable fee category; however only a single annual active discharge fee or annual post-discharge monitoring fee, if required, shall be assessed for the project. The single annual active discharge fee and the single annual post-discharge monitoring fee for the project shall be based on the higher of the applicable fee categories. Single projects qualifying for a special/flat fee or amended order fee shall only be assessed the applicable special/flat fee or amended order fee.  
 iii. Fees shall be based on the largest discharge size specified in the original or revised report of waste discharge or Clean Water Act (CWA) Section 401 water quality certification application, or as reduced by the applicant without any State Board or Regional Board intervention.  
 iv. If water quality certification is issued in conjunction with dredge or fill WDRs or is issued for a discharge regulated under such preexisting WDRs, the current annual WDR fee as derived from this dredge and fill fee schedule shall be paid in advance during the application for water quality certification, and shall comprise the fee for water quality certification.  
 v. Discharges requiring water quality certification and regulated under a federal permit or license other than a US Army Corps of Engineers CWA Section 404 permit or a Federal Energy Regulatory Commission License shall be assessed a fee determined from CCR 23, Section 2200(a).

<sup>10</sup> Dischargers shall pay a one-time application fee for each project at the time that the application or report of waste discharge is submitted. Notwithstanding section 2200.2, if discharges commence in a fiscal year other than the fiscal year in which the application or report of waste discharge is submitted, the application fee is in addition to the first annual active discharge fee for the project. If discharges commence in the same fiscal year as the application or report of waste discharge is submitted, the discharger shall pay only the greater of the application fee or the first annual active discharge fee. The application fee for category (A) fill and excavation discharges will be based on the discharger's estimate of project length and area. If, upon completion, the actual length or area is larger than the estimate, the discharger may receive an additional application fee invoice that is based on the actual project length and area, minus the application fee that was previously paid.

<sup>11</sup> Dischargers shall pay an annual active discharge fee each fiscal year or portion of a fiscal year during which discharges occur until the regional board or the State Board issues a Notice of Completion of Discharges Letter to the discharger. The annual active discharge fee for category (B) dredging discharges will be invoiced after the annual dredge volume has been determined.

<sup>12</sup> Dischargers shall pay an annual post-discharge monitoring fee each fiscal year or portion of a fiscal year commencing with the first fiscal year following the fiscal year in which the regional board or State Board issued a Notice of Completion of Discharges Letter to the discharger, but continued water quality monitoring or compensatory mitigation monitoring is required. Dischargers shall pay the annual post-discharge monitoring fee each fiscal year until the regional board or the State Board issues a Notice of Project Complete Letter to the discharger.

<sup>13</sup> "Excavation" refers to removing sediment or soil in shallow waters or under no-flow conditions where impacts to beneficial uses are best described by the area of the discharge. It typically is done for purposes other than navigation. Examples include trenching for utility lines, other earthwork preliminary to discharge, removing sediment to increase channel capacity, and other flood control and drainage maintenance activities (e.g., debris removal, vegetation management and removal, detention basin maintenance and erosion control of slopes along open channels and other drainage facilities).

## 2015-16 Fee Schedules

| Discharges will be assessed as the higher fee of "discharge length in feet" and "discharge area in acres." The size of the discharge area shall be rounded to two decimal places (0.01 acre = 436 square feet). | -or-<br>Discharge area in acres x \$5,670 whichever is higher, up to a maximum of \$90,000. The minimum application fee is \$600. |  |  |
|---|---|--|--|
| Discharge Category  | Application Fee <sup>10</sup>   | Annual Active Discharge Fee <sup>11</sup>  | Annual Post-Discharge Monitoring Fee <sup>12</sup> |
| <b>(B) Dredging<sup>14</sup> Discharges</b><br>(except Sand Mining-see (C) below)<br>Dredge volume expressed in cubic yards.  | \$600   | Annual dredge volume in cubic yards x \$0.21, up to a project maximum of \$90,000. The minimum annual active discharge fee is \$600. | \$300  |

| SPECIAL/FLAT FEE  |                               |   |  |
|---|-------------------------------|---|--|
| Discharge Category  | Application Fee <sup>10</sup> | Annual Active Discharge Fee <sup>11</sup> | Annual Post-Discharge Monitoring Fee <sup>12</sup> |
| <b>(C) Sand Mining Dredging Discharges</b><br>Aggregate extraction in marine waters where source material is free of pollutants and the dredging operation will not violate any basin plan provisions.  | \$600                         | \$600                                     | \$300  |
| <b>(D) Ecological Restoration and Enhancement Projects</b><br>Projects undertaken for the sole purpose of restoring or enhancing the beneficial uses of water. This schedule does not apply to projects required under a regulatory mandate or to projects that are not primarily intended for ecological restoration or enhancement, e.g., land development.   | \$200                         | \$200                                     | \$100  |
| <b>(E) Low Impact Discharges</b><br>Projects may be classified as low impact discharges if they meet all of the following criteria:<br>1. The discharge size is less than all of the following: (a) for fill, 0.1 acre, and 200 linear feet, and (b) for dredging, 25 cubic yards.<br>2. The discharger demonstrates that: (a) all practicable measures will be taken to avoid impacts; (b) where unavoidable temporary impacts take place, waters and vegetation will be restored to pre-project conditions as quickly as practicable; and (c) where unavoidable permanent impacts take place, there will be no net loss of wetland, riparian area, or headwater functions, including onsite habitat, habitat connectivity, floodwater retention, and pollutant removal.<br><br>3. The discharge will not do any of the following: (a) directly or indirectly destabilize a bed of a receiving water; (b) contribute to significant cumulative effects; (c) cause pollution, contamination, or nuisance; (d) adversely affect candidate, threatened, or endangered species; (e) degrade water quality or beneficial uses; (f) be toxic; or (g) include "hazardous" or "designated" material. | \$200                         | N/A                                       | N/A  |

<sup>14</sup> "Dredging" generally refers to removing sediment in deeper water to increase depth. The impacts to beneficial uses are best described by the volume of the discharge and typically occur to facilitate navigation. For fee purposes it also includes aggregate extraction within stream channels where the substrate is composed of coarse sediment (e.g., gravel) and is reshaped by normal winter flows (e.g., point bars), where natural flood disturbance precludes establishment of significant riparian vegetation, and where extraction timing, location and volume will not cause changes in channel structure (except as required by regulatory agencies for habitat improvement) or impair the ability of the channel to support beneficial uses.

## 2015-16 Fee Schedules

|  |   |     |     |
|--|---|-----|-----|
| <p><b>(F) General Orders for CEQA Exempt Projects</b><br/>         Projects which are CEQA exempt and which are required to submit notification of a proposed discharge to the State and/or Regional Board pursuant to: (1) a general order authorizing impacts for the qualifying project CEQA exemption (e.g. Small Habitat Restoration General Permit); or (2) a general water quality certification permitting discharges authorized by a U.S. Army Corps of Engineers general permit (e.g., nationwide permit). Applies ONLY if a general order or general water quality certification was previously granted.</p> <p><b>(G) Emergency Projects authorized by a Water Board General Order</b></p>   | \$200   | N/A | N/A |
| <p><b>(H) Amended Orders</b><br/>         Amendments of WDR's or water quality certifications previously issued for one-time discharges not subject to annual billings.</p> <ul style="list-style-type: none"> <li>(a) Minor project changes, not requiring technical analysis and involving only minimal processing time.</li> <li>(b) Changes to projects eligible for flat fees (fee categories C and D) where technical analysis is needed to assure continuing eligibility for flat fee and that beneficial uses are still protected.</li> <li>(c) Project changes not involving an increased discharge amount, but requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.</li> <li>(d) Project changes involving an increased discharge amount and requiring some technical analysis to assure that beneficial uses are still protected and that original conditions are still valid, or need to be modified.</li> <li>(e) Major project changes requiring an essentially new analysis and re-issuance of WDR's or water quality certification.</li> </ul> | <ul style="list-style-type: none"> <li>(a) No fee required</li> <li>(b) \$300 flat fee</li> <li>(c) \$200 flat fee</li> <li>(d) Additional standard fee assessed per increased amount of discharge(s)</li> <li>(e) New standard fee assessed</li> </ul> |     |     |

**ORDINANCE NO. 2015-01**

**AN ORDINANCE OF THE BOARD OF COMMISSIONERS  
OF THE DEL NORTE SOLID WASTE MANAGEMENT AUTHORITY  
ESTABLISHING A RATE FOR COMMERCIAL OIL PUMPING  
AT THE DEL NORTE COUNTY TRANSFER STATION**

**WHEREAS**, the Del Norte Solid Waste Management Authority is a Joint Powers Authority of the City of Crescent City and the County of Del Norte formed in part to manage the disposition of solid waste and other discards;

**WHEREAS**, since opening in March 2005, the Del Norte County Transfer Station has been a CalRecycle certified center for recycling uncontaminated used motor oil and oil filters;

**WHEREAS**, since Recology Del Norte discontinued their acceptance of commercial used motor oil in June 2014, there has not been a legal option for small businesses and households to recycle motor oil in Del Norte County in quantities between 15 and 55 gallons;

**WHEREAS**, in 2015, using funds from CalRecycle's Used Oil Payment Program, the Authority purchased equipment to enable the safe pumping of commercial used motor oil brought to the Del Norte County Transfer Station;

**WHEREAS**, in August 2015, the Authority adopted Transfer Station Operations Change Order 21 with Contractor Hambro/WSG approving a service fee for providing commercial used oil pumping services at the Del Norte County Transfer Station following the adoption of this Rate Ordinance; and

**WHEREAS**, Hambro/WSG will screen for contaminants prior to pumping used motor oil, and is authorized to reject providing pumping service for contaminated oil which can only be accepted during a hazardous waste collection event.

**NOW, THEREFORE**, the Board of Commissioners of the Del Norte Solid Waste Management Authority, Del Norte County, California hereby ordains as follows:

**SECTION 1. Findings.** The Board of Commissioners of the Del Norte Solid Waste Management Authority adopts the recitals stated herein and finds them to be true.

**SECTION 2. Rate.** The rate for the pumping of used motor oil from a container of between 15 and 55 gallons in volume will be \$15.00.

**2.01 Limitations.** This service is only available to any person, business, or agency that can legally haul uncontaminated used motor oil in containers of 55 gallons or less that may be pumped into the used oil tank at the Del Norte County Transfer Station.

**2.02 Rate increases or decreases.** This rate may be decreased at any time by resolution of the Board. On July 1 of each year beginning in 2016, this rate may be increased in accordance with CPI by resolution of the Board. This rate may be increased at any time in an amount greater than CPI by an amendment to this Ordinance.

**SECTION 3. Definitions.** For purposes of this Ordinance, the following definitions apply to the following words and phrases.

**3.01 Commercial Used Motor Oil.** Uncontaminated used motor oil received in quantities of between 15 and 55 gallons.

**3.02 Uncontaminated Used Motor Oil.** Used motor oil that does not contain a detectable concentration of solvent, antifreeze, water, or any other incompatible chemical.

**SECTION 4. Publication.** The Clerk of the Board shall cause this Ordinance, or a summary thereof, along with the names of the commissioners voting for and against said ordinance, to be published once within fifteen (15) days after its passage in a newspaper of general circulation in the County of Del Norte in accordance with Govt. Code Section 36933.

**SECTION 5. Effective Date.** This Ordinance will take effect on the 31<sup>st</sup> day after its final adoption.

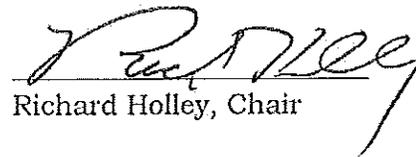
**SECTION 6. Severability.** If any section, subsection, subdivision, sentence, clause, phrase or portion of this Ordinance is for any reason held to be invalid or unconstitutional by the decision of any court of competent jurisdiction, such decision will not affect the validity of the remaining portions of this Ordinance. The Authority hereby declares that it would have adopted this Ordinance, and each section, subsection, subdivision, sentence, clause, phrase, or portion thereof, irrespective of the fact that any one or more sections, subsections, subdivisions, sentences, clauses, phrases, or portions thereof, are declared invalid or unconstitutional.

**SECTION 7. CEQA Findings.** The Board of Commissioners finds that this Ordinance is exempt from CEQA pursuant to CEQA Guidelines Section 15061(b)(3), Review for Exemption, because it can be seen with certainty that it will not have a significant effect on the environment and therefore is not subject to CEQA.

**INTRODUCED** by the Board of Commissioners of the Del Norte Solid Waste Management Authority on the 15<sup>th</sup> day of September, 2015 by the following polled vote:

AYES: Commissioners Moelue, Gauthreau, Holby  
NOES: none  
ABSENT: Commissioner Gore

ABSTAIN: none

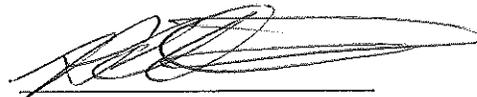
  
Richard Holley, Chair

**ATTEST:**

  
Katherine Brewer, Clerk

**APPROVED** by the City Council of the City of Crescent City on the 19th day of Oct., 2015 by the following polled vote:

AYES: COUNCIL MEMBERS HOLLEY, INSCORE, MURRAY, SHORT, and MAYOR GASTINEAU  
NOES: NONE  
ABSENT: NONE  
ABSTAIN: NONE

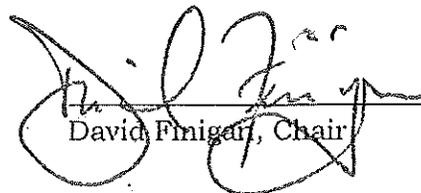
  
Ron Gastineau, Mayor

**ATTEST:**

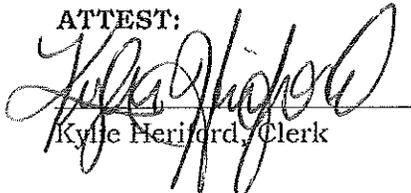
  
Kimberly Scott, Clerk  
Kymmie

**APPROVED** by the Board of Supervisors of the County of Del Norte on the 27th day of Oct., 2015 by the following polled vote:

AYES: Supervisor Gitlin, Finigan, McClure, Howard  
NOES: None  
ABSENT: Supervisor Hemmingsen  
ABSTAIN: None

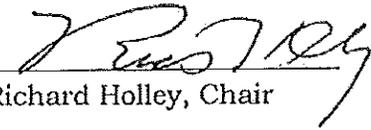
  
David Finigan, Chair

**ATTEST:**

  
Kyle Herjford, Clerk

**PASSED AND ADOPTED** by the Board of Commissioners of the Del Norte Solid Waste Management Authority on the \_\_ day of \_\_\_\_\_, 2015 by the following polled vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

  
Richard Holley, Chair

**ATTEST:**

\_\_\_\_\_  
Katherine Brewer, Clerk

**APPROVED AS TO FORM:**

\_\_\_\_\_  
Martha D. Rice, General Counsel  
Del Norte Solid Waste Management Authority

**DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY**1001 I STREET, SACRAMENTO, CALIFORNIA 95814 • [WWW.CALRECYCLE.CA.GOV](http://WWW.CALRECYCLE.CA.GOV) • (916) 322-4027

P.O. BOX 4025 MS 9A, SACRAMENTO, CALIFORNIA 95812

November 6, 2015

Tedd Ward  
Acting Director  
Del Norte Solid Waste Management Authority  
391 Front Street,  
Crescent City Ca, 95531

RE: 2014 Electronic Annual Report (EAR): Review

Dear Mr. Ward:

In accordance with the Integrated Waste Management Act (IWMA), each jurisdiction must report on the progress achieved in implementing the programs and/or facilities described in its planning documents, including the Source Reduction and Recycling Element (SRRE) and Household Hazardous Waste Element (HHWE). The annual report shall also discuss the progress a jurisdiction has made in achieving the disposal reduction goals required by Public Resources Code (PRC) section 41780. The annual report serves as the basis for determining if any of the planning documents need to be revised, as well as to determine compliance with the mandated disposal reduction goals. Each jurisdiction submits this information through the EAR. CalRecycle staff must review a Jurisdiction's EAR within 120 days to determine if any additional information is required.

CalRecycle staff-recommended per capita disposal indicators for all jurisdictions will be posted at: [www.calrecycle.ca.gov/LGCentral/DataTools/Reports/DivDispRtSum.htm](http://www.calrecycle.ca.gov/LGCentral/DataTools/Reports/DivDispRtSum.htm). A jurisdiction's per capita disposal rate alone is not determinative of its effort to implement its SRRE and HHWE programs. Rather, program information submitted within the EAR and verified through LAMD staff site visits and other findings will be included in a scheduled Department review, every two or four years, to evaluate a jurisdiction's effort in meeting disposal reduction requirements.

To complete Del Norte Solid Waste Management Authority's EAR review, I've determined that more Mandatory Commercial Recycling (MCR) information is needed to conduct a comprehensive analysis of MCR program implementation.

Public Resources Code (PRC), §42649.3(g) and 14 California Code of Regulations (CCR) §18838(h) provides that each jurisdiction shall report the progress achieved in implementing its commercial recycling program, including education, outreach, identification and monitoring, and, if applicable, enforcement efforts by providing updates in its Annual Report required by PRC, §41821, et seq. In addition, 14 CCR §18838(h) requires jurisdictions which have implemented enforcement efforts to also provide information on its rationale for allowing exemptions.

So that LAMD has sufficient information to determine whether your jurisdiction's commercial recycling programs comply with the law, the reported information should include:

- a description of education and outreach activities implemented,
- the total number of businesses that meet the threshold and how many are not recycling,
- the total number of multifamily complexes that meet the threshold and how many are not recycling, and
- how were the businesses/multifamily complexes that were not recycling informed of the law and how to recycle.
- If applicable, the enforcement efforts and the rationale for allowing exemptions.

5.2



Please refer to your mandatory commercial recycling implementation activities developed in coordination with LAMD staff, which has been uploaded to the Electronic Annual Report (EAR) system under the 2030-RC-OSP program code (Commercial On-site Pick-up) for easy reference. Additional guidance is also provided in the notes area of this program code within the EAR.

Please provide the information requested above at your earliest convenience so I may complete this EAR review.

Respectfully,

Spencer Fine  
Environmental Scientist

cc:  
Terry Brennan  
Senior Environmental Scientist (Supervisory)



# Del Norte Solid Waste Management Authority

1700 State Street, Crescent City, CA 95531  
Phone (707) 465-1100 Fax (707) 465-1300  
www.recycledelnorte.ca.gov

The Authority's mission is the management of Del Norte County solid waste and recyclable material in an environmentally sound, cost effective, efficient and safe manner while ensuring 100% regulatory compliance with law.

## Staff Report

**Date:** 13 November 2015

**To:** Commissioners of the Del Norte  
Solid Waste Management Authority

**From:** Tedd Ward, M.S. – Director *Tedd*  
Del Norte Solid Waste Management Authority

**File Number:** 031208 – Clerk Services

**Topic:** Appointment of Authority Secretary

**Summary / Recommendation:** That the Board appoint or select a Commissioner to serve as Authority Secretary until such time as a different appointment or selection is made.

**Background:** Under the Authority Bylaws, Authority Officers include: Chair, Vice-Chair, and Secretary. The Secretary's primary duties are signature authority on Authority documents. The Chair and Vice-Chair have been selected, the Treasurer / Controller has been appointed. Commissioner Glore has served as Authority Secretary prior to her resignation, and so the Secretary remains the only vacant officer for the Authority at this time.

**Analysis:** Though the Authority Bylaws specify that the Chair and Vice Chair are to be selected from one of the member agencies (i.e. the City or the County), this is not a requirement for the office of Secretary. Any Commissioner is eligible for this position.

Katherine Brewer became the Authority's Account Clerk in April 2015. During prior employment, Mrs. Brewer had served as Clerk to the Crescent City Harbor District. Clerks generally record minutes, poll votes, provide official signatures and minute orders, and on occasion clarify motions. The duties of the Authority Secretary primarily involve signing documents approved at Authority meetings.

5.3



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## Director's Report

Date: 13 November 2015  
To: Commissioners of the Del Norte Solid Waste Management Authority  
From: Tedd Ward, M.S. – Director  
Attachments: 1.Memo to Dry Creek Landfill Customers re. North State Rendering  
File Number: **231501 – Authority Work Plans**

**Summary:** The Del Norte Solid Waste Management Authority continues to operate the Klamath, Gasquet and Del Norte County Transfer Stations and to provide required monitoring, accounting and reports to overseeing agencies and other public services.

During this past month, Patricia Black was appointed as Public Commissioner and Kayleen Warner has been offered the Facilities and Programs Coordinator position, and she has accepted. Ms. Warner is expected to start work on 01 December 2015 and will be introduced to the Board at the December Authority meeting.

**Personnel / Staffing:** All Authority-managed facilities were open during posted hours and all shifts were covered. Kayleen Warner has been offered the Facilities and Programs Coordinator position, and she has accepted. Ms. Warner is expected to start work on 01 December 2015. Aaron Burton of SEIU 1021 has submitted an information request in preparation for negotiating a new agreement with the Del Norte Solid Waste Management Authority employees union, an affiliate of SEIU 1021. The current agreement expires on March 7, 2016.

With her appointment as Public Commissioner, Patricia Black must be approved by the Crescent City Council and the Del Norte County Board of Supervisors. If Commissioner Black resigns from her seat on the Del Norte Solid Waste Task Force, staff will initiate a process to solicit applicants to fill that vacancy.

**Facilities:** Fencing repairs have been completed at the Crescent City Landfill. During a site visit in October, Gina Morrison of the North Coast Regional Water Quality Control Board said she would support the temporary reduction in the Threat/Complexity

13 November 2015

1

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6.1

A Joint Powers Authority of  
the City of Crescent City and County of Del Norte  
& member, North Coast Recycling Market Development Zone

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rating for the Crescent City Landfill (which would reduce the WDR Fee) if the Authority sampled one or two nearby residential wells and no contamination was detected that could be associated with the landfill. As this could result in an annual savings of up to \$40,156 until the Lawrence & Associates work is completed, this appears to be an opportunity well worth pursuing.

My research regarding possible approaches to the repair of the worn areas of the Del Norte County Transfer Station floor has led me to believe that I should plan for and schedule two or three trips to other facilities that have conducted such repairs. Reasons include the magnitude of the expense and reports from several contacts that the experience of the contractor doing this work is especially critical to the longevity of the finished work. Also, I would like to observe how such repairs have held up in the years since their installation. It is always challenging to select a contractor who is not the lowest price, but in this case it may be warranted. I want to check with the managers of other facilities to see what advice they might offer to improve our results and/or help control our costs. While I had hoped that we might conduct these repairs during this fiscal year, I now believe that these site visits and interviews should happen first. As the first of such inspections, I am planning on inspecting the floor repairs at the Humboldt Waste Management Authority transfer station in Eureka on December 7<sup>th</sup>.

**Finances and Audits:** The Authority's fiscal year ended on June 30, 2015. Under the County's modified cash system of accounting, the audit begins after the end of September. The Authority has contracted with the same firm contracted to audit Del Norte County's records and accounts, Patel and Associates, LLP. Staff have prepared a CD with requested documents and are preparing for their site visit later this month.

**Vendor Contract Management and Oversight:** Attached is a notice from Dry Creek Landfill regarding North State Rendering. This company, which serves Humboldt, Trinity, Siskiyou, Del Norte, Curry, Jackson, and Josephine counties, has unilaterally decided to stop collection of animals and meat scraps. They will continue to pump commercial grease traps, but this change is a concern to butchers and seafood companies who had been using this service. As North State Rendering bought out several other companies in the region, there is no similar company capable of providing timely meat collection services. I have discussed this issue at length with Jill Duffy, Director of the Humboldt Waste Management Authority as well as Joel Wallen of Hambro/WSG. As these materials can be legally disposed as wastes, and there are secondary markets for fish scraps (pet food, etc.) Authority staff do not yet perceive this issue to be an urgent situation for Del Norte businesses. A representative of Alber Seafood did inquire if they would be allowed to dispose of uncontained truckloads full of ripe crab shells at the Del Norte County Transfer Station. Due to potential odor and health issues, such a disposal method would not be acceptable.

If approved by the Authority Board, item 5.1 of this agenda would enact Authority

Ordinance 2015-01, and commercial oil pumping services will be available starting on 21 December 2015. Authority staff have confirmed that Hambro/WSG are once again willing to accept holiday trees for no charge through the end of January 2016.

Recology Del Norte, under Jeremy Herber's management, has obtained two new Curratto Cans attachments for the automated collection of curbside carts. Recoogy Del Norte also continues their efforts to give a fresh coat of paint to their collection trucks. Recology is also continuing their efforts to install a new cranking system for all of the roll-off bins used at the Klamath and Gasquet small-volume Transfer Stations.

I have received approval from CalRecycle for the Authority to provide 50% funding under our beverage container grants for Julindra's purchase of a magnet to remove steel cans and other magnetic contaminants from the mixed recyclable materials processed at Julindra. Staff anticipate this expense to be approximately \$5,500.

**Compliance:** The Authority did not receive any proposal to complete the aerial survey of the Crescent City Landfill. Legal counsel Martha Rice has confirmed that having released an RFP for these professional services, that Authority staff may directly negotiate a contract with any qualified surveyor. In the coming weeks, staff intend to negotiate with Richard B. Davis to provide these services. He said he did not submit a proposal due to the timing of his other work commitments. Staff will bring the negotiated agreement to a subsequent Authority meeting for Board approval.

**Programs / Policies:** Item 5.2 of this agenda is a letter from CalRecycle regarding their request for additional information associated with our compliance with the California Mandatory Commercial Recycling programs. Staff plan on preparing a response in the coming weeks.

CalRecycle staff also indicated that it is time for Del Norte to re-apply for designation under the Recycling Market Development Zone program. Considering that the Authority has participated in this program for many years with few tangible results, and that such programs are generally shared between agencies focused on economic development and agencies focused on solid waste, staff initiated conversations with Jessica Mercado of the Del Norte Economic Development Corporation, and met with their governing Board on 13 November 2015 to discuss the prospect of DNEDC stepping into the driver's seat for preparing the re-designation application.

**Concerns:** The number and intensity of tasks and reports that are being deferred by staff continue to accumulate. Some items on this agenda do not have a complete staff report as there was not staff capacity and / or time available to do so. Staff sincerely hope that the hiring of the Facilities and Program Coordinator will help address the backlog of deferred tasks.

## **Major Activities on the 'To-Do' list:**

*I recognize that several of the items I have listed in this section have not been completed within the past few months. Still, such items remain on the 'To Do' list as time and staff capacity allows. Actions at each Authority meeting may add items to this list.*

1. Work with Lawrence & Associates to complete entry of landfill water quality data into the GeoTracker system, and with legal counsel, County staff and L&A to make preparations for collecting water samples from residential wells adjacent to the landfill property.
2. Clean out and filing the backlog of documents accumulated in the former Director's and Program Manager's offices, making room for the new Facilities and Programs Coordinator.
3. Begin training of Facilities and Programs Coordinator.
4. Work with Shawn Slater and Creative Information Systems to set up computer equipment and updated scale management software for the coming fiscal year.
5. Work with Authority Treasurer, Administrative Assistant, County Auditor and representatives of Patel & Associates to provide information related to the audit for FY 14/15.
6. Continue to assemble information leading to negotiation of an agreement with the Del Norte Solid Waste Management Authority Employee's Union / SEIU 1021.
7. Inspect the floor repair at the Hawthorne Street Transfer Station in Eureka, operated by the Humboldt Waste Management Authority.
8. Work with Hambro/WSG and the Mattress Recycling Council to arrange for at least two mattress recycling collection events at the Del Norte County Transfer Station in 2016.
9. Work with the Chair and legal counsel to better understand and address the concerns of Recology Del Norte's customers at 1175 Lakeview Drive.
10. Conduct inspections of certified oil recycling centers in Del Norte County, as required under CalRecycle's Oil Payment Program.
11. Continue to work with Creative Information Systems and X-Charge regarding accounting for oil payments.
12. Coordinate with staff of Sutter Coast hospital to assure that accurate and correct information is being provided to patients regarding management of expired medicines and home-generated sharps.



## Memo to Dry Creek Landfill Customers re: Rendering Waste/North State Rendering Issue

Summary: As of mid-November, North State Rendering will no longer be picking up meat scrap/by-product from grocery stores, butcher shops and meat processors in Southwest Oregon and Northwest California locations. Dry Creek's suggestion would be to have the solid waste collection companies in your area contact these customers proactively, and work with them on a case-by-case basis to take care of their disposal needs. Some of the affected customers may have already contacted you, and others may call at a later date – so below are some bullet points you may find helpful when talking them through the situation:

1. The good news is that this material is solid waste, and if handled properly, can be disposed of in the customer's existing trash container/compactor, hauled to a local transfer station, and eventually delivered to Dry Creek Landfill.
2. We actually welcome this kind of material at Dry Creek Landfill, because as it decomposes, it creates methane gas, which we capture and use to produce enough electricity to power 3,000 homes per year via Pacific Power.
3. Because of potential odor issues (both at the customer site, transfer station and at the landfill), we ask that the material be refrigerated or frozen up until the customer's container pick up day – and that customers consider using 1.5 - 2 ml plastic can liners ("polybags"), zip-tied shut before placing the material in the container or compactor. This should help to minimize odor issues.
4. We would suggest sending local collection company Operational staff to visit with each customer, to assess their service needs – get an idea of volume of the material, current service levels, and what changes may need to be made to accommodate the additional material (different container, more frequent service, etc...).
5. Large generators of material may need to haul directly to DCL, typically these customers would be generating in excess of 1 ton of waste on weekly basis. Those customers should contact Lee Fortier at 541-494-5411, to explore the idea of direct haul and what special handling procedures would be required.

We hope you find this information useful. If you have any questions, please feel free to contact Garry Penning by phone at (541)494-5463, or via e-mail at [gpenning@roguedisposal.com](mailto:gpenning@roguedisposal.com).

Regards,

Garry Penning

Solid Waste  
**Balance Sheet**  
September 30, 2015

**Unaudited**

**ASSETS**

|               |                                    |              |
|---------------|------------------------------------|--------------|
| 422 010 00000 | Cash Solid Waste                   | 724,314.87   |
| 422 010 00300 | Imprest Cash                       | 3,500.00     |
| 422 010 00500 | I Bank Loan Deposit Held by County | 198,177.17   |
| 422 010 01100 | Accounts Receivable                | 31,452.52    |
| 422 010 03200 | Land                               | 493,000.00   |
| 422 010 03300 | Transfer Station                   | 3,266,990.64 |
| 422 010 03400 | Equipment                          | 158,443.55   |
| 422 010 03410 | Buildings & Improvements           | 141,638.89   |
| 422 010 03440 | Accum Depr Equipment               | (157,499.00) |
| 422 010 03450 | Accum Depr Bldg & Improv           | (100,380.00) |
| 422 010 03460 | Accum Depr Transfer Station        | (837,202.00) |
|               | Total Assets                       | 3,922,436.64 |

**LIABILITIES AND FUND EQUITY**

|               |  |                |
|---------------|--|----------------|
| 422 010 05105 | Sales Tax Payable                                | 13.74          |
| 422 010 05210 | Sublease Payable                                 | 2,829,198.50   |
| 422 010 05300 | Compensated Absences Payable                     | 33,798.29      |
| 422 010 05400 | Deferred Revenue                                 | 31,452.52      |
| 422 010 05500 | Post Closure Liability                           | 2,113,745.25   |
| 422 010 05600 | Net OPEB Obligation                              | 197,137.00     |
| 422 010 07100 | Fund Balance                                     | (2,035,048.22) |
| 422 010 09600 | Investment in Capital Assets net of related debt | 578,198.00     |
|               | Revenue  | 661,136.37     |
|               | Expenditure                                      | (487,194.81)   |
|               | Total Liabilities and Fund Equity                | 3,922,436.64   |

6.2

## CLAIMS APPROVED BY THE DIRECTOR

Del Norte Solid Waste Management Authority

Claims for October 2015

| <i>Date Paid</i> | <i>Paid to:</i>                | <i>Budget</i> | <i>Amt. Paid</i>     | <i>Description</i>                                   |
|------------------|--------------------------------|---------------|----------------------|--|
| 10/1/2015        | U S Bank                       | 20239-001     | 25.89                | Post Closure landfill Maintenance                    |
|                  | U S Bank                       | 20239-001     | 3.23                 | Post Closure landfill Maintenance                    |
|                  | U S Bank                       | 20224         | \$229.99             | Signature Pad - Office Supplies                      |
| 10/1/2015        | Firefern Nursery               | 20239-001     | \$495.77             | INV 3754 Landfill repairs                            |
| 10/5/2015        | DNC Community Development Dept | 20230         | \$1,339.66           | INV 2015-33 Landfill Maintenance                     |
| 10/7/2015        | Recology Del Norte             | 20238         | \$368.76             | INV 573 Klamath Beach RD Sept 2015                   |
|                  | Recology Del Norte             | 20238         | \$369.36             | INV 572 Old Gasquet Toll RD Sept 2015                |
| 10/7/2015        | Curry Transfer-Roto Rooter     | 20140         | \$146.50             | INV 65676024 Klamath T/S Sept 2015                   |
|                  | Curry Transfer-Roto Rooter     | 20140         | \$146.50             | INV 65676023 Gasquet T/S Sept 2015                   |
| 10/7/2015        | Hambro WSG                     | 20239         | \$171,145.87         | INV 2015-09 Services for Sept 2015                   |
| 10/7/2015        | Bi-Coastal Media               | 20240-075     | \$374.00             | INV 1652-1 KCRE-FM HHW event Advertising             |
|                  | Bi-Coastal Media               | 20240-075     | \$374.00             | INV 1652-2 KPOD-FM HHW event Advertising             |
| 10/7/2015        | G. H. Outreach                 | 20285-068     | \$180.00             | INV 259609 September Recycling Services              |
| 10/8/2015        | Richard D. Taylor              | 20235         | \$480.00             | INV for September 2015 Treasurer/Controller Services |
| 10/13/2015       | Ken's Auto Repair              | 20171         | \$349.48             | INV 19585 Toyota 4-Runner Tune up/wiring             |
| 10/13/2015       | Ricoh USA, Inc.                | 20250         | \$249.99             | INV 95577548 Lease Fees October 2015                 |
| 10/13/2015       | Clark Moore                    | 20180         | \$140.00             | INV 271 TS battery back up system repair             |
| 10/13/2015       | Clean Harbor Enviro Services   | 20281         | \$29,748.00          | Acct # DE3042 Household Hazardous Waste Collection   |
| 10/14/2015       | Black & Rice, LLP              | 20234         | \$2,420.60           | August 2015 Legal Services                           |
|                  | Black & Rice, LLP              | 20234         | \$746.20             | September 2015 Legal Services                        |
| 10/20/2015       | U S Cellular                   | 20121         | \$481.57             | INV 0105001310 Service: 10/4/15-11/3/15              |
| 10/20/2015       | Charter Spectrum Business      | 20121         | \$89.97              | Services: 10/19/15-11/18/15                          |
| 10/20/2015       | Lawrence & Associates          | 20231         | \$1,750.45           | INV 22934 Service: 8/1/15-8/31/15                    |
| 10/21/2015       | The Triplicate                 | 20240-075     | \$448.20             | Acct # 71971 Haz Waste Event Ads                     |
| 10/21/2015       | Recology Del Norte             | 20283         | \$451.95             | INV 04709168 500 Cooper Ave-County Yard              |
|                  | Recology Del Norte             | 20288         | \$249.38             | INV 04709176 900 Tenth St-City Yard                  |
|                  | Recology Del Norte             | 20288         | \$1,309.08           | INV 04709143 1001 Front St-Cultural Center           |
| 10/27/2015       | Crescent Ace Hardware          | 20224         | \$16.15              | Acct # 1212 Office Supplies                          |
|                  | Crescent Ace Hardware          | 20140         | \$110.26             | Acct # 1212 Storage Maintenance                      |
| 10/28/2015       | Del Norte Office Supply        | 20224         | \$90.49              | INV 462378 Boxes for Storage unit                    |
|                  | Del Norte Office Supply        | 20224         | \$135.73             | INV 461435 Boxes for Storage unit                    |
| 10/28/2015       | Mission Linen                  | 20140         | \$61.72              | Acct # 218923 October 2015 Services                  |
|                  |                                |               |                      |  |
|                  | <b>TOTAL</b>                   |               | <b>\$ 214,528.75</b> |  |

6.3

|                             |                   |                  |                |                   |  |  |
|-----------------------------|-------------------|------------------|----------------|-------------------|--|--|
| <b>DNSWMA</b>               |                   |                  |                |                   |  |  |
| <b>GRAND TOTALS</b>         |                   |                  |                |                   |  |  |
| <b>OCTOBER 2015</b>         |                   |                  |                |                   |  |  |
|                             | <b>Amount to</b>  | <b>Amount to</b> |                |                   |  |  |
|                             | <b>422-421</b>    | <b>422-421</b>   | <b>422-421</b> | <b>TOTAL</b>      |  |  |
|                             | <b>91003</b>      | <b>91004</b>     | <b>91004</b>   | <b>AMOUNT</b>     |  |  |
|                             | <b>66.53%</b>     | <b>33.47%</b>    |                |                   |  |  |
| <b>DNCTS Cash Total</b>     | 27,962.49         | 14,067.40        |                | <b>42,029.89</b>  |  |  |
| <b>DNCTS Charge Total</b>   | 125,001.06        | 62,885.70        |                | <b>187,886.76</b> |  |  |
| <b>DNCTS Credit/Debit</b>   | 17,772.12         | 8,940.82         |                | <b>26,712.94</b>  |  |  |
| <b>DNCTS Totals</b>         | <b>170,735.67</b> | <b>85,893.92</b> |                | <b>256,629.59</b> |  |  |
| <b>Klamath Cash Total</b>   |                   | 3,244.47         |                | <b>3,244.47</b>   |  |  |
| <b>Klamath Charge Total</b> |                   | 120.00           |                | <b>120.00</b>     |  |  |
| <b>Klamath Totals</b>       |                   | <b>3,364.47</b>  |                | <b>3,364.47</b>   |  |  |
| <b>Gasquet Cash Total</b>   |                   | 1,138.09         |                | <b>1,138.09</b>   |  |  |
| <b>Gasquet Charge Total</b> |                   | 8.60             |                | <b>8.60</b>       |  |  |
| <b>Gasquet Totals</b>       |                   | <b>1,146.69</b>  |                | <b>1,146.69</b>   |  |  |
| <b>Adjustments</b>          |                   |                  |                |                   |  |  |
| <b>GRAND TOTALS</b>         | <b>170,735.67</b> | <b>90,405.08</b> |                | <b>261,140.75</b> |  |  |

6.4

**MONTHLY SPLIT SHEET**

**DNSWMA TRANSFER STATION**

**MONTH: OCTOBER 2015**

| Date   | Cash        | Checks     | Cash/Check Total | Visa        | Master     | Discover | AmExp    | Credit Card Total | Charges      | Grand Total  | 66.53%      |             | 33.47%     |             | Total |
|--------|-------------|------------|------------------|-------------|------------|----------|----------|-------------------|--------------|--------------|-------------|-------------|------------|-------------|-------|
|        |             |            |                  |             |            |          |          |                   |              |              | 91003       | 91004       | 20286      | Total       |       |
| 1      | \$ 1,272.50 | \$ 254.45  | \$ 1,526.95      | \$ 722.29   | \$ 253.94  |          | \$ 11.37 | \$ 987.60         | \$ 7,502.95  | \$ 10,017.50 | \$ 1,015.88 | \$ 511.07   | \$ (0.10)  | \$ 1,526.85 |       |
| 2      | \$ 1,395.14 | \$ 193.27  | \$ 1,588.41      | \$ 736.28   |            |          |          | \$ 736.28         | \$ 8,139.16  | \$ 10,463.85 | \$ 1,056.77 | \$ 531.64   | \$ (0.29)  | \$ 1,588.12 |       |
| 3      | \$ 1,424.14 | \$ 283.21  | \$ 1,707.35      | \$ 1,166.84 |            |          |          | \$ 1,166.84       | \$ 136.46    | \$ 3,010.65  | \$ 1,135.90 | \$ 571.45   | \$ 0.15    | \$ 1,707.50 |       |
| 4      | \$ 1,625.88 | \$ 126.76  | \$ 1,752.64      | \$ 1,100.48 | \$ 593.60  |          | \$ 5.48  | \$ 1,699.56       | \$ 482.37    | \$ 3,934.57  | \$ 1,166.03 | \$ 586.61   | \$ 1.29    | \$ 1,753.93 |       |
| 5      | \$ 1,653.25 | \$ 239.20  | \$ 1,892.45      | \$ 957.85   | \$ 78.19   |          |          | \$ 1,036.04       | \$ 7,043.63  | \$ 9,972.12  | \$ 1,259.05 | \$ 633.40   | \$ 11.02   | \$ 1,903.47 |       |
| 6      | \$ 1,429.40 | \$ 32.70   | \$ 1,462.10      | \$ 797.35   | \$ 31.27   |          |          | \$ 828.62         | \$ 6,188.70  | \$ 8,479.42  | \$ 972.74   | \$ 489.36   | \$ 0.13    | \$ 1,462.23 |       |
| 7      | \$ 1,029.80 | \$ 168.06  | \$ 1,197.86      | \$ 1,039.95 | \$ 19.90   |          | \$ 27.01 | \$ 1,086.86       | \$ 7,418.29  | \$ 9,703.01  | \$ 796.94   | \$ 400.92   | \$ 0.05    | \$ 1,197.91 |       |
| 8      | \$ 1,298.96 | \$ 122.23  | \$ 1,421.19      | \$ 1,271.25 | \$ 88.13   | \$ 84.44 |          | \$ 1,443.82       | \$ 4,839.09  | \$ 7,704.10  | \$ 1,333.36 | \$ 475.67   | \$ 4.89    | \$ 1,426.08 |       |
| 9      | \$ 1,744.83 | \$ 259.32  | \$ 2,004.15      | \$ 1,027.66 | \$ 18.48   |          | \$ 19.90 | \$ 1,066.04       | \$ 8,245.29  | \$ 11,315.48 | \$ 1,353.52 | \$ 670.79   | \$ (19.04) | \$ 1,265.11 |       |
| 10     | \$ 1,021.28 | \$ 132.33  | \$ 1,153.61      | \$ 391.74   |            |          |          | \$ 391.74         | \$ 237.39    | \$ 1,782.74  | \$ 767.50   | \$ 386.11   | \$ 0.02    | \$ 1,153.63 |       |
| 11     | \$ 928.40   | \$ 163.43  | \$ 1,091.83      | \$ 653.75   |            |          |          | \$ 653.75         | \$ 168.67    | \$ 1,914.25  | \$ 726.39   | \$ 365.44   | \$ 0.20    | \$ 1,092.03 |       |
| 12     | \$ 1,485.33 | \$ 62.54   | \$ 1,547.87      | \$ 1,195.84 | \$ 41.23   |          |          | \$ 1,237.07       | \$ 7,811.44  | \$ 10,596.38 | \$ 1,029.80 | \$ 518.07   | \$ (2.41)  | \$ 1,545.46 |       |
| 13     | \$ 860.65   | \$ 108.98  | \$ 969.63        | \$ 425.24   | \$ 181.95  |          |          | \$ 607.19         | \$ 7,340.09  | \$ 8,916.91  | \$ 645.09   | \$ 324.54   | \$ 0.04    | \$ 969.67   |       |
| 14     | \$ 1,262.68 | \$ 68.22   | \$ 1,330.90      | \$ 558.00   | \$ 79.61   |          | \$ 22.74 | \$ 660.35         | \$ 9,886.28  | \$ 11,877.53 | \$ 885.45   | \$ 445.45   | \$ 0.01    | \$ 1,330.91 |       |
| 15     | \$ 1,300.11 | \$ 54.02   | \$ 1,354.13      | \$ 657.02   | \$ 64.79   |          | \$ 35.54 | \$ 757.35         | \$ 7,168.62  | \$ 9,280.10  | \$ 900.90   | \$ 453.23   | \$ (0.16)  | \$ 1,353.97 |       |
| 16     | \$ 972.44   | \$ 133.27  | \$ 1,105.71      | \$ 698.46   | \$ 135.03  |          |          | \$ 833.49         | \$ 8,053.49  | \$ 9,992.69  | \$ 735.63   | \$ 370.08   | \$ (2.03)  | \$ 1,103.68 |       |
| 17     | \$ 662.58   | \$ 83.97   | \$ 746.55        | \$ 666.95   | \$ 8.53    |          |          | \$ 675.48         | \$ 509.31    | \$ 1,931.34  | \$ 496.68   | \$ 249.87   | \$ (0.05)  | \$ 746.50   |       |
| 18     | \$ 1,733.26 | \$ 71.07   | \$ 1,804.33      | \$ 770.19   | \$ 72.49   |          |          | \$ 842.68         | \$ 128.58    | \$ 2,775.59  | \$ 1,200.42 | \$ 603.91   | \$ (0.50)  | \$ 1,803.83 |       |
| 19     | \$ 1,024.88 | \$ 153.53  | \$ 1,178.41      | \$ 752.22   | \$ 27.01   |          |          | \$ 779.23         | \$ 10,602.30 | \$ 12,559.94 | \$ 784.00   | \$ 394.41   | \$ 0.02    | \$ 1,178.43 |       |
| 20     | \$ 1,175.54 | \$ 17.05   | \$ 1,192.59      | \$ 433.95   |            |          |          | \$ 433.95         | \$ 8,856.86  | \$ 10,483.40 | \$ 793.43   | \$ 399.16   | \$ (0.06)  | \$ 1,192.53 |       |
| 21     | \$ 1,083.14 | \$ 51.17   | \$ 1,134.31      | \$ 793.24   | \$ 109.20  |          |          | \$ 902.44         | \$ 11,681.59 | \$ 13,718.34 | \$ 754.66   | \$ 379.65   | \$ 0.15    | \$ 1,134.46 |       |
| 22     | \$ 1,272.80 | \$ 102.97  | \$ 1,375.77      | \$ 635.92   |            |          | \$ 7.10  | \$ 643.02         | \$ 9,102.67  | \$ 11,121.46 | \$ 915.30   | \$ 460.47   | \$ 1.25    | \$ 1,377.02 |       |
| 23     | \$ 1,134.23 | \$ 94.03   | \$ 1,228.26      | \$ 372.36   | \$ 42.64   |          |          | \$ 415.00         | \$ 8,940.88  | \$ 10,584.14 | \$ 817.16   | \$ 411.10   | \$ (0.03)  | \$ 1,228.23 |       |
| 24     | \$ 1,784.20 | \$ 231.21  | \$ 2,015.41      | \$ 1,005.86 | \$ 31.27   |          | \$ 49.76 | \$ 1,086.89       | \$ 213.77    | \$ 3,316.07  | \$ 1,340.85 | \$ 674.56   | \$ (22.92) | \$ 1,992.49 |       |
| 25     | \$ 474.40   | \$ -       | \$ 474.40        | \$ 359.33   | \$ 8.53    |          |          | \$ 367.86         | \$ 345.44    | \$ 1,187.70  | \$ 315.62   | \$ 158.78   | \$ 0.00    | \$ 474.40   |       |
| 26     | \$ 1,290.10 | \$ 140.72  | \$ 1,430.82      | \$ 842.09   | \$ 55.40   |          |          | \$ 897.49         | \$ 9,646.71  | \$ 11,975.02 | \$ 951.92   | \$ 478.90   | \$ (1.82)  | \$ 1,429.00 |       |
| 27     | \$ 1,031.80 | \$ 220.34  | \$ 1,252.14      | \$ 571.96   | \$ 126.52  | \$ 9.95  |          | \$ 708.43         | \$ 11,840.49 | \$ 13,801.06 | \$ 833.05   | \$ 419.09   | \$ 0.19    | \$ 1,252.33 |       |
| 28     | \$ 852.69   | \$ 90.95   | \$ 943.64        | \$ 1,064.33 | \$ 11.52   |          | \$ 68.23 | \$ 1,144.08       | \$ 12,341.59 | \$ 14,429.31 | \$ 627.80   | \$ 315.84   | \$ 0.10    | \$ 943.74   |       |
| 29     | \$ 1,302.91 | \$ 184.74  | \$ 1,487.65      | \$ 769.57   | \$ 49.75   |          | \$ 27.01 | \$ 846.33         | \$ 5,892.11  | \$ 8,226.09  | \$ 989.73   | \$ 497.92   | \$ 0.16    | \$ 1,487.61 |       |
| 30     | \$ 1,207.08 | \$ 117.96  | \$ 1,325.04      | \$ 730.46   | \$ 88.13   |          |          | \$ 818.59         | \$ 6,978.98  | \$ 9,122.61  | \$ 881.55   | \$ 443.49   | \$ 0.00    | \$ 1,325.04 |       |
| 31     | \$ 1,154.06 | \$ 179.73  | \$ 1,333.79      | \$ 943.23   | \$ 15.64   |          |          | \$ 958.87         | \$ 143.56    | \$ 2,436.22  | \$ 887.37   | \$ 446.42   | \$ (0.01)  | \$ 1,333.78 |       |
| TOTALS | \$37,888.46 | \$4,141.43 | \$42,029.89      | \$24,111.66 | \$2,232.75 | \$94.39  | \$274.14 | \$26,712.94       | \$187,886.76 | \$256,629.59 | \$27,962.49 | \$14,067.40 | \$ (29.75) | \$42,000.14 |       |

| <b>DAILY TICKET REPORT</b>     |              |            |                           |                         |
|--------------------------------|--------------|------------|---------------------------|-------------------------|
| <b>DNSWMA TRANSFER STATION</b> |              |            |                           |                         |
| <b>MONTH: October 2015</b>     |              |            |                           |                         |
| <b>Date</b>                    | <b>BEGIN</b> | <b>END</b> | <b>VOIDED<br/>TICKETS</b> | <b>TICKET<br/>COUNT</b> |
| 1                              | 843416       | 843591     |                           | 176                     |
| 2                              | 843592       | 843788     |                           | 197                     |
| 3                              | 843789       | 843960     | 2                         | 170                     |
| 4                              | 843961       | 844166     | 1                         | 205                     |
| 5                              | 844167       | 844369     | 2                         | 201                     |
| 6                              | 844370       | 844512     | 1                         | 142                     |
| 7                              | 844513       | 844652     |                           | 140                     |
| 8                              | 844653       | 844819     | 1                         | 166                     |
| 9                              | 844820       | 845045     |                           | 226                     |
| 10                             | 845046       | 845153     |                           | 108                     |
| 11                             | 845154       | 845283     |                           | 130                     |
| 12                             | 845284       | 845469     | 2                         | 184                     |
| 13                             | 845470       | 845608     |                           | 139                     |
| 14                             | 845609       | 845774     | 2                         | 164                     |
| 15                             | 845775       | 845931     |                           | 157                     |
| 16                             | 845932       | 846102     | 1                         | 170                     |
| 17                             | 846103       | 846207     |                           | 105                     |
| 18                             | 846208       | 846379     |                           | 172                     |
| 19                             | 846380       | 846536     | 1                         | 156                     |
| 20                             | 846537       | 846695     | 1                         | 158                     |
| 21                             | 846696       | 846866     |                           | 171                     |
| 22                             | 846867       | 847041     | 1                         | 174                     |
| 23                             | 847042       | 847228     |                           | 187                     |
| 24                             | 847229       | 847434     |                           | 206                     |
| 25                             | 847435       | 847504     |                           | 70                      |
| 26                             | 847505       | 847679     |                           | 175                     |
| 27                             | 847680       | 847842     | 1                         | 162                     |
| 28                             | 847843       | 848005     | 3                         | 160                     |
| 29                             | 848006       | 848173     |                           | 168                     |
| 30                             | 848174       | 848342     |                           | 169                     |
| 31                             | 848343       | 848490     | 1                         | 147                     |
| <b>TOTAL</b>                   |              |            | <b>20</b>                 | <b>5055</b>             |

| <b>DNSWMA</b>                          |  |                  |                   |
|--|--|------------------|-------------------|
| <b>GASQUET TRANSFER STATION - CASH</b> |  |                  |                   |
| <b>OCTOBER 2015</b>                    |  |                  |                   |
|  |  | <b>Amount to</b> | <b>TOTAL</b>      |
|  |  | <b>422-421</b>   | <b>CASH</b>       |
| <b>Date</b>                            |  | <b>91004</b>     | <b>AMOUNT</b>     |
| <b>October 3, 2015</b>                 |  | <b>75.34</b>     | <b>\$75.34</b>    |
| <b>October 10, 2015</b>                |  | <b>298.49</b>    | <b>\$298.49</b>   |
| <b>October 17, 2015</b>                |  | <b>233.42</b>    | <b>\$233.42</b>   |
| <b>October 24, 2015</b>                |  | <b>315.22</b>    | <b>\$315.22</b>   |
| <b>October 31, 2015</b>                |  | <b>215.62</b>    | <b>\$215.62</b>   |
| <b>TOTAL</b>                           |  | <b>1138.09</b>   | <b>\$1,138.09</b> |

| <b>DNSWMA</b>                        |  |                  |                   |
|--------------------------------------|--|------------------|-------------------|
| <b>KLAMATH TRANSFER STATION CASH</b> |  |                  |                   |
| <b>OCTOBER 2015</b>                  |  |                  |                   |
|                                      |  | <b>Amount to</b> | <b>TOTAL</b>      |
|                                      |  | <b>422-421</b>   | <b>CASH</b>       |
| <b>Date</b>                          |  | <b>91004</b>     | <b>AMOUNT</b>     |
| October 4, 2015                      |  | 648.42           | \$648.42          |
| October 7, 2015                      |  | 278.31           | \$278.31          |
| October 11, 2015                     |  | 366.59           | \$366.59          |
| October 14, 2015                     |  | 286.77           | \$286.77          |
| October 18, 2015                     |  | 421.01           | \$421.01          |
| October 21, 2015                     |  | 399.75           | \$399.75          |
| October 25, 2015                     |  | 525.18           | \$525.18          |
| October 28, 2015                     |  | 318.44           | \$318.44          |
|                                      |  |                  | \$0.00            |
|                                      |  |                  | \$0.00            |
|                                      |  |                  | \$0.00            |
|                                      |  |                  | \$0.00            |
|                                      |  |                  | \$0.00            |
| <b>TOTAL</b>                         |  | <b>3,244.47</b>  | <b>\$3,244.47</b> |

**Del Norte Solid Waste Management Authority**  
**A/R Aging Summary**  
 As of October 31, 2015

|   | Current   | 1 - 30   | 31 - 60 | 61 - 90 | > 90    | TOTAL     |
|---|-----------|----------|---------|---------|---------|-----------|
| Affordable Home & Rental Rep.             | 66.55     | 0.00     | 0.00    | 0.00    | 0.00    | 66.55     |
| Agricultural Commission(solid waste only) | 24.16     | 0.00     | 0.00    | 0.00    | 0.00    | 24.16     |
| Aladdin Realty                            | 22.74     | 0.00     | 0.00    | 0.00    | 0.00    | 22.74     |
| Alexandre EcoDairy Farms                  | 251.61    | 0.00     | 0.00    | 0.00    | 0.00    | 251.61    |
| Babich Construction                       | 90.98     | 0.00     | 0.00    | 0.00    | 0.00    | 90.98     |
| Bart Kast Builders                        | 52.60     | 0.00     | 0.00    | 0.00    | 0.00    | 52.60     |
| Bayside Escavation                        | 52.60     | 0.00     | 0.00    | 0.00    | 0.00    | 52.60     |
| Benner Mini Storage                       | 170.67    | 0.00     | 0.00    | 0.00    | 0.00    | 170.67    |
| Borges Dairy                              | 305.12    | 282.89   | 0.00    | 0.00    | 0.00    | 588.01    |
| Brown, Hector                             | 473.36    | 0.00     | 0.00    | 0.00    | 0.00    | 473.36    |
| Cal-Ore LIFE FLIGHT                       | 0.00      | 0.00     | 0.00    | 0.00    | -3.55   | -3.55     |
| Cal-Trans                                 | 72.12     | 0.00     | 0.00    | 0.00    | 0.00    | 72.12     |
| California Auto Image                     | 110.88    | 0.00     | 0.00    | 0.00    | 0.00    | 110.88    |
| California Dept. of Fish & Wildlife       | 9.95      | 0.00     | 0.00    | 0.00    | 0.00    | 9.95      |
| California Dept. Parks & Rec.             | 643.50    | 896.26   | 29.85   | 24.17   | 0.00    | 1,593.78  |
| Castlerock Countertop's                   | 42.65     | 0.00     | 0.00    | 0.00    | 0.00    | 42.65     |
| Certified Construction                    | 0.00      | 0.00     | 0.00    | 0.00    | 6.90    | 6.90      |
| Certified Plumbing Co.                    | 0.00      | 0.00     | 0.00    | 0.00    | 12.76   | 12.76     |
| Cetnar Construction Inc.                  | 95.24     | 55.85    | 0.00    | 0.00    | 0.00    | 151.09    |
| City of Crescent City.                    | 112.92    | 0.00     | 0.00    | 0.00    | 0.00    | 112.92    |
| College of the Redwoods                   | 75.34     | 0.00     | 0.00    | 0.00    | 0.00    | 75.34     |
| Cornerstone Assembly of God               | 39.80     | 0.00     | 0.00    | 0.00    | 0.00    | 39.80     |
| Crescent Ace Hardware.                    | 378.12    | 0.00     | 0.00    | 0.00    | 0.00    | 378.12    |
| Crescent City KOA                         | 187.63    | 340.52   | 0.00    | 0.00    | 0.00    | 528.15    |
| Crescent Senior Estates                   | 7.97      | 0.00     | 0.00    | 0.00    | 0.00    | 7.97      |
| Del Norte Realty                          | 380.02    | 396.60   | 0.00    | 0.00    | 0.00    | 776.62    |
| Del Norte Roofing                         | 76.75     | 194.74   | 0.00    | 0.00    | 0.00    | 271.49    |
| Del Norte Triplicate/WesternCom           | 19.90     | 0.00     | 0.00    | 0.00    | 0.00    | 19.90     |
| DN Unified School District                | 1,815.25  | 0.00     | 0.00    | 0.00    | 0.00    | 1,815.25  |
| DNC Code Enforcement - Blight             | 17,973.85 | 0.00     | 0.00    | 0.00    | 0.00    | 17,973.85 |
| Elk Valley Storage                        | 68.23     | -13.08   | 0.00    | 0.00    | 0.00    | 55.15     |
| Ellers Fort Dick Market                   | 278.62    | 0.00     | 0.00    | 0.00    | 0.00    | 278.62    |
| Fashion Blacksmith                        | 8.53      | 0.00     | 0.00    | 0.00    | 0.00    | 8.53      |
| Frank's Refrigeration                     | 147.84    | 0.00     | 0.00    | 0.00    | 0.00    | 147.84    |
| G. H. Outreach                            | 1,366.33  | 451.42   | 0.00    | 0.00    | 0.00    | 1,817.75  |
| Gasquet Mobile Home Park                  | 177.35    | 0.00     | 0.00    | 0.00    | 0.00    | 177.35    |
| Golden State Construction                 | 957.05    | 0.00     | 0.00    | 0.00    | 0.00    | 957.05    |
| GR Construction                           | 73.92     | 0.00     | 0.00    | 0.00    | 0.00    | 73.92     |
| Green Scapes                              | 62.80     | 94.26    | 0.00    | 0.00    | 0.00    | 157.06    |
| Griffin's Furniture Outlet                | 41.35     | 0.00     | 0.00    | 0.00    | 0.00    | 41.35     |
| Hambro/Waste Solutions Group              | 17.51     | 0.00     | 0.00    | 0.00    | 0.00    | 17.51     |
| Hank's Hauling                            | 51.17     | 0.00     | 0.00    | 0.00    | 0.00    | 51.17     |
| Hartley Construction                      | 358.22    | 0.00     | 0.00    | 0.00    | 0.00    | 358.22    |
| HASP / Jordan Recovery Centers            | 95.11     | 81.03    | 104.03  | 0.00    | 0.00    | 280.17    |
| Hemmingsen Contracting Company            | 2,507.53  | 4,067.75 | 0.00    | 0.00    | 0.00    | 6,575.28  |
| Hintz Construction                        | 0.00      | 0.00     | 0.00    | 0.00    | 127.60  | 127.60    |
| Hiouchi Community Fellowship              | 34.09     | 0.00     | 0.00    | 0.00    | 0.00    | 34.09     |
| Humboldt Moving & Storage                 | 59.70     | 0.00     | 0.00    | 0.00    | 0.00    | 59.70     |
| Investment Realty                         | 172.74    | 0.00     | 0.00    | 0.00    | 0.00    | 172.74    |
| Jacob R. Crager                           | 31.27     | 0.00     | 0.00    | 0.00    | 0.00    | 31.27     |
| Kirkland's Lawn & Yard Service            | 323.89    | 0.00     | 0.00    | 0.00    | 0.00    | 323.89    |
| Kraft, Tom & Patti                        | 167.74    | 0.00     | 0.00    | 0.00    | 0.00    | 167.74    |
| Larson Services                           | 65.39     | 78.18    | 0.00    | 0.00    | 0.00    | 143.57    |
| LNL Design and Construction               | 361.07    | 0.00     | 0.00    | 0.00    | 0.00    | 361.07    |
| Loren Stonebrink Const                    | 174.84    | 0.00     | 0.00    | 0.00    | 0.00    | 174.84    |
| Madrone Court                             | 85.29     | 0.00     | 0.00    | 0.00    | 0.00    | 85.29     |
| Malloroy Construction                     | 89.63     | 0.00     | 0.00    | 0.00    | 0.00    | 89.63     |
| Mark Wooding Construction                 | 0.00      | 0.00     | 0.00    | 0.00    | -120.00 | -120.00   |
| Mastaloudis Homes Inc.                    | 177.69    | 251.60   | 0.00    | 0.00    | 0.00    | 429.29    |
| McCullough Construction, Inc.             | 207.54    | 123.99   | 0.00    | 0.00    | 0.00    | 331.53    |
| Ming Tree Real Estate                     | 0.00      | 0.00     | 0.00    | 0.00    | -16.10  | -16.10    |
| Mountain Power Tree Co.                   | 18.48     | 0.00     | 0.00    | 0.00    | 0.00    | 18.48     |
| Mow Blow and Go                           | 126.14    | 0.00     | 0.00    | 0.00    | 0.00    | 126.14    |
| Murray Construction                       | 52.60     | 0.00     | 0.00    | 0.00    | 0.00    | 52.60     |
| New Dawn Support Services                 | 807.45    | 0.00     | 0.00    | 0.00    | 0.00    | 807.45    |
| Niehoff Construction                      | 109.46    | 22.74    | 0.00    | 0.00    | 0.00    | 132.20    |

**Del Norte Solid Waste Management Authority**  
**A/R Aging Summary**  
**As of October 31, 2015**

|                                     | Current           | 1 - 30           | 31 - 60       | 61 - 90      | > 90            | TOTAL             |
|-------------------------------------|-------------------|------------------|---------------|--------------|-----------------|-------------------|
| Norbury Construction                | 0.00              | 0.00             | 0.00          | 0.00         | 116.70          | 116.70            |
| North Coast Properties              | 39.79             | 0.00             | 0.00          | 0.00         | 0.00            | 39.79             |
| North Woods Realty                  | 58.28             | 0.00             | 0.00          | 0.00         | 0.00            | 58.28             |
| Northridge Electric                 | 110.54            | 0.00             | 0.00          | 0.00         | 0.00            | 110.54            |
| Pacific Northwest Physical Therapy  | 18.48             | 11.87            | 184.55        | 0.00         | 0.00            | 214.90            |
| PALM Industries, Inc.               | 0.00              | 100.93           | 0.00          | 0.00         | 0.00            | 100.93            |
| Pappas Dry Wall                     | 196.17            | 0.00             | 0.00          | 0.00         | 0.00            | 196.17            |
| Parkway Feed                        | 44.07             | 0.00             | 0.00          | 0.00         | 0.00            | 44.07             |
| Peasley's Property Mang.            | 77.29             | 0.00             | 0.00          | 0.00         | 0.00            | 77.29             |
| Pelican Bay Evangelical Free Church | 21.31             | 0.00             | 0.00          | 0.00         | 0.00            | 21.31             |
| Pelican Bay Roofing Co.             | 157.79            | 0.00             | 0.00          | 0.00         | 0.00            | 157.79            |
| Plunkett's Family Painting          | 116.57            | 0.00             | 0.00          | 0.00         | 0.00            | 116.57            |
| Porter's Trucking & Logging         | 0.00              | 0.00             | 0.00          | 0.00         | 2,033.84        | 2,033.84          |
| Ray's Mobile Home Service           | 184.67            | 0.00             | 0.00          | 0.00         | 0.00            | 184.67            |
| Recology Del Norte (Franchise)      | 109,904.54        | 0.00             | 0.00          | 0.00         | 0.00            | 109,904.54        |
| Recology Del Norte (Prison)         | 13,600.93         | 0.00             | 0.00          | 0.00         | 0.00            | 13,600.93         |
| Red Sky Roofing                     | 8,961.36          | 11,436.19        | 0.00          | 0.00         | 0.00            | 20,397.55         |
| Redwood Community Action Agency     | 162.05            | 0.00             | 0.00          | 0.00         | 0.00            | 162.05            |
| Redwood National Park               | 1,395.34          | 0.00             | 0.00          | 0.00         | 0.00            | 1,395.34          |
| Reservation Ranch                   | 1,066.12          | 0.00             | 0.00          | 0.00         | 0.00            | 1,066.12          |
| Richard Brown Construction          | 309.88            | 0.00             | 0.00          | 0.00         | 0.00            | 309.88            |
| Ritchie Homes                       | 214.02            | 0.00             | 0.00          | 0.00         | 0.00            | 214.02            |
| Rogers, Luu T.                      | 0.00              | 437.82           | 0.00          | 0.00         | 0.00            | 437.82            |
| Roy Rook Construction               | 150.68            | 0.00             | 0.00          | 0.00         | 0.00            | 150.68            |
| Rumiano Cheese Company              | 224.59            | 0.00             | 0.00          | 0.00         | 0.00            | 224.59            |
| Rural Human Services                | 27.00             | -7.10            | 0.00          | 0.00         | 0.00            | 19.90             |
| S.O.S. Construction                 | 11.37             | 0.00             | 0.00          | 0.00         | 0.00            | 11.37             |
| Schnacker's General Hauling         | 0.00              | 437.19           | 0.00          | 0.00         | 0.00            | 437.19            |
| Seabreeze Apartments                | 119.56            | 0.00             | 0.00          | 0.00         | 0.00            | 119.56            |
| Seawood Village                     | 2,332.64          | 0.00             | 0.00          | 0.00         | 0.00            | 2,332.64          |
| Shangri-La Trailer Court            | 278.61            | 0.00             | 0.00          | 0.00         | 0.00            | 278.61            |
| Smith River Equipment               | 100.93            | 0.00             | 0.00          | 0.00         | 0.00            | 100.93            |
| Smith River Rancheria               | 1,014.77          | 221.76           | 0.00          | 0.00         | 0.00            | 1,236.53          |
| Sprint Courier Service              | 9.95              | 14.22            | 0.00          | 0.00         | 0.00            | 24.17             |
| Spruce Haven Mobile Home Park       | 140.72            | 0.00             | 0.00          | 0.00         | 0.00            | 140.72            |
| Steel                               | 84.07             | 48.33            | 13.66         | 0.00         | 0.00            | 146.06            |
| Stephen F White Gen.Cont. Inc.      | 120.82            | 0.00             | 0.00          | 0.00         | 0.00            | 120.82            |
| Stone Roofing                       | 4,826.01          | 0.00             | 0.00          | 0.00         | 0.00            | 4,826.01          |
| Swanson, Ray C. Construction        | 149.25            | 0.00             | 0.00          | 0.00         | 0.00            | 149.25            |
| Tab & Associates                    | 1,288.03          | 0.00             | 0.00          | 0.00         | 0.00            | 1,288.03          |
| Thomas Gavin Construction           | 12.79             | 0.00             | 0.00          | 0.00         | 0.00            | 12.79             |
| Tim Haban Construction              | 32.69             | 0.00             | 0.00          | 0.00         | 0.00            | 32.69             |
| Van Arsdale Construction            | 2,081.08          | 0.00             | 0.00          | 0.00         | 0.00            | 2,081.08          |
| Van Nocker's Cleaning               | 14.20             | 0.00             | 0.00          | 0.00         | 0.00            | 14.20             |
| Wigley Contracting                  | 73.67             | 0.00             | 0.00          | 0.00         | 0.00            | 73.67             |
| Winn's Maintance Service            | 0.00              | 0.00             | 0.00          | 0.00         | -25.00          | -25.00            |
| Yurok Indian Housing Authority      | 44.07             | 0.00             | 0.00          | 0.00         | 0.00            | 44.07             |
| Yurok Tribe                         | 54.65             | 0.00             | 0.00          | 0.00         | 0.00            | 54.65             |
| <b>TOTAL</b>                        | <b>182,660.20</b> | <b>20,025.96</b> | <b>332.09</b> | <b>24.17</b> | <b>2,133.15</b> | <b>205,175.57</b> |

AUTHORITY      REVENUE      REPORT      August 2015

| Source       | 2014/2015              | 2015/2016                   |  | Budget/Year          |                     |
|--------------|------------------------|-----------------------------|--|----------------------|---------------------|
| Authority    | Actual Annual          |                             |  | Budget/Year          |                     |
| Service Fees | \$ 1,002,778.17        |                             |  | \$ 997,000.00        |                     |
|              | Actual/Month           | Comparison<br>FYE15 & FYE16 |  | Actual/Month         | Over Budget         |
| July         | \$ 96,004.21           | \$ (1,389.79)               |  | \$ 94,614.42         | \$ 11,531.09        |
| August       | \$ 89,437.87           | \$ 2,718.16                 |  | \$ 92,156.03         | \$ 9,072.70         |
| September    | \$ 84,704.53           | \$ 7,278.67                 |  | \$ 91,983.20         | \$ 8,899.87         |
| October      | \$ 83,098.23           | \$ 7,306.85                 |  | \$ 90,405.08         | \$ 7,321.75         |
| November     | \$ 72,572.43           | \$ -                        |  |                      |                     |
| December     | \$ 76,859.33           | \$ -                        |  |                      |                     |
| January      | \$ 84,970.65           | \$ -                        |  |                      |                     |
| February     | \$ 77,883.08           | \$ -                        |  |                      |                     |
| March        | \$ 82,827.13           | \$ -                        |  |                      |                     |
| April        | \$ 79,373.56           | \$ -                        |  |                      |                     |
| May          | \$ 85,383.19           | \$ -                        |  |                      |                     |
| June         | \$ 89,663.96           | \$ -                        |  |                      |                     |
| <b>Total</b> | <b>\$ 1,002,778.17</b> | <b>\$ 15,913.89</b>         |  | <b>\$ 369,158.73</b> | <b>\$ 36,825.40</b> |

Ahead of budget      9.98%

6.5

