Scanned INTO PDF File 2/20/04 MSA

45AA0020

e-mailed To Downaye 2/20/04

FACILITY FILE CARBON COPY
ORIGINAL TO FILE #
SUBMITTED BY MEA DATE FEB 18 2004
COPY TO
COPY TO
COPY TO M. LeBrie

RECEIVED
FEB 18 2004
By MEA

STIPULATED AGREEMENT # 2004-01
between
Anderson Landfill, Inc., 18703 Cambridge Road, Anderson, CA,
SWIS No. 45-AA-0020
and
Shasta County Department of Resource Management,
Environmental Health Division as the Solid Waste Local Enforcement Agency
to allow a temporary stockpile of waste above the
Solid Waste Facility Permit maximum height of 760 feet MSL elevation to a maximum of 780 feet MSL.

007-A

Anderson Landfill, Inc. and the County of Shasta, Department of Resource Management, Environmental Health Division, as the Solid Waste Local Enforcement Agency for Shasta County, agree to and shall comply with the findings, terms, conditions, and remedies outlined herein this Stipulated Agreement.

DESCRIPTION

Anderson Landfill, Inc. anticipates reaching the maximum permitted height in the near future. Due to unexpected delays in planned cell construction, an alternative to construct in another area was designated. The current lining project for this alternative phase of cell development is behind schedule. Although the facility has completed the required excavation and grading work, lining of the unit is temporarily on hold due to the above average rainfall this season.

Anderson Landfill, Inc.'s current Solid Waste Facility Permit SWIS No. 45-AA-0020 restricts the maximum vertical height of the landfill to 760 feet mean sea level(M.S.L.). In order to continue operation, Anderson Landfill, Inc. is seeking to temporarily fill waste to the height of 780 feet M.S.L. in specifically delineated areas (Attachment 1, Project Description letter dated January 30, 2004). This Project Description outlines continued operation and specific changes in design.

FINDINGS

1. Whereas, Anderson Landfill, Inc. located at 18703 Cambridge Road, Anderson, California, is currently operating a landfill at this location under Solid Waste Facilities Permit #45-AA-0020 issued by the Shasta County Department of Resource Management, Environmental Health Division; and

2. Whereas, the proposed change is for a temporary height increase to allow for temporary waste placement does not require new construction of buildings or structures; and

3. Whereas, the proposed change will not affect waste type or volume accepted by the landfill; the hours of operations; and/or traffic volume; and

4. Whereas, a Visual Impact Study conducted in 1998 by Lawrence and Associates stated that there would be no visual impacts for this facility if it were developed to a height of 807 feet M.S.L. (Attachment 2, Visual Impact Study). This Study has not been accepted by the County as complete or accurate and it was not done as part of the Environmental Impact Report; and

5. Whereas, the proposed change will be temporary; and

6. Whereas, there is a temporary emergency in that Anderson Landfill, Inc. anticipates reaching the maximum permitted height in the near future. In order to continue operations in compliance with applicable regulations, a temporary waiver of a permit condition is requested; and

7. Whereas, the circumstances contributing to the temporary emergency were unforeseeable due to

unexpected delays in planned cell construction resulting from the creation, investigation, and presence of perched water in WMU-4; an alternative area to construct a new cell was then designated as a response; the completion of this new cell is on hold due to the late start in the year and unrelenting rain; and

8. Whereas, an Emergency Exemption request has been filed by Anderson Landfill, Inc. with the Shasta County Planning Division that meets CEQA requirements and accepted as part of this Agreement to allow for this temporary height increase and waste placement. (Attachment 3, Emergency Exemption Request and Shasta County Planning Division Notice of Exemption.)

TERMS AND CONDITIONS

1. In accordance with the terms of this Agreement, Anderson Landfill, Inc. is allowed to temporarily stockpile waste above the 760 feet M.S.L. elevation to a maximum of 780 feet M.S.L.

2. This Agreement shall commence on the date of execution and shall terminate ninety days thereafter. Anderson Landfill, Inc. may apply for one or more extensions of this Agreement pursuant to 14 California Code of Regulations (CCR) Section 17211.5 provided, however, that in no event will an extension beyond August 30, 2004 be approved.

3. Except as specifically provided in this Agreement, Anderson Landfill, Inc. shall comply with all other terms and conditions of Solid Waste Facility Permit SWIS No. 45-AA-0020.

4. Anderson Landfill, Inc. shall comply with all reporting requirements provided for in 14 CCR Section 17211.6.

5. The temporary stockpile will be relocated to the lined cell, known as the South Canyon of WMU-1. An alternative final placement (off-site if necessary) will be utilized, to maintain the permitted maximum elevation of 760 feet M.S.L., should the South Canyon not be completed and approved by the Regional Water Quality Control Board within proposed time frame in order to maintain compliance with this Agreement and/or the Solid Waste Facility Permit.

SPECIFIED ACTIONS:

1. Anderson Landfill, Inc. shall continue to operate within the State Minimum Standards (SMS) for landfills (Title 27 of the CCR), and all other applicable laws and regulations.

2. The new temporary waste fill will consist of waste lifts of approximately 12-18 feet and will be compacted in place and covered as required by existing regulations. Storm water, contact water, litter, and odors will all be controlled in a manner and quality similar to existing operations and in compliance with all permit and regulatory conditions, including those agreed to herein. Attachment 1 specifies and describes fill sequencing, temporary (and permitted) waste placement location, air space estimates, grading plan and diagram stormwater management, and applicable operations description. Anderson Landfill, Inc. shall notify the Shasta County Environmental Health Division 24 hours prior to exceeding 760 feet M.S.L.

3. Upon termination of this Agreement, Anderson Landfill, Inc. must return height limits to 760 feet M.S.L. or below. A document produced by a licensed surveyor, not employed by Anderson Landfill, Inc. certifying the final height at less than or equal to 760 feet M.S.L., for the entire landfill will be provided to the Shasta County Department of Resource Management, Environmental Health Division as the Solid Waste Local Enforcement Agency upon termination of this Agreement.

REMEDIES

1. Except as provided by 14 CCR §17211.2(g), no enforcement action shall be pursued against Anderson Landfill, Inc. during the term of this Agreement if Anderson Landfill, Inc. complies with the terms of this Agreement.

2. If the Anderson Landfill, Inc. violates any of the terms of this Agreement, the following enforcement actions may be implemented by the Shasta County Department of Resource Management, Environmental Health Division:

   A. A Notice of Violation of this Agreement, and, as applicable, Section 44014 (b), Public Resources Code, shall be issued by the Shasta County Department of Resource Management, Environmental Health Division as the Solid Waste Local Enforcement Agency and the Anderson Landfill, Inc. giving 72 hours (three working days) to correct the violation. The inspection report for the month during which the violation occurs shall include a violation of Section 44014 (b), as applicable. An inspection report will be issued on-site and may be followed up with a Notice of Violation within 72 hours.

   B. If Anderson Landfill, Inc. has not returned the landfill elevations to 760 feet M.S.L. as provided by this Agreement, the Shasta County Department of Resource Management, Environmental Health Division as the Solid Waste Local Enforcement Agency may levy a fine against the Anderson Landfill, Inc. who agrees to pay $10,000 for each day the Anderson Landfill, Inc. elevations exceeds 760 feet M.S.L. and until the violation of final waste placement as detailed in this Agreement is corrected. No extensions of this Agreement beyond August 30, 2004, will be granted due to the content and ample time frame allowed from this day forward.

   C. If the operator remains in violation, this Agreement may be declared "null and void" and legal action may be taken, including but not limited to, obtainment of a court injunction, imposition of civil penalties, or suspension of the current Solid Waste Facility Permit, SWIS # 45-AA-0020. The terms contained herein do not limit the County of Shasta or its Local Enforcement Agency from seeking any other remedy permitted by law.

3. Anderson Landfill, Inc., agrees to defend, indemnify, and hold the County harmless from any claim, action, or proceeding brought to attack, set aside, void or annul the County's approval of this Agreement.

Signed this 11 day of February 2004.

OPERATOR:
ANDERSON LANDFILL, INC.

By: _____
Richard E. King, District Manager
Waste Management, Inc.

Signed this 11 day of February 2004.

LOCAL ENFORCEMENT AGENCY:
SHASTA COUNTY DEPARTMENT
OF RESOURCE MANAGEMENT

By: _____
Russ A. Mull, R.E.H.S., A.C.I.P.
Director of Resource Management

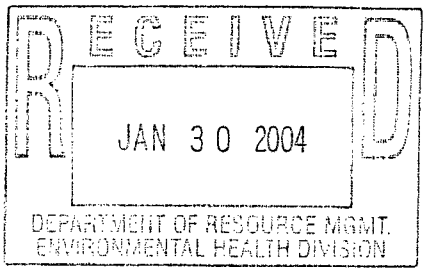
ATTACHMENT 1

ANDERSON LANDFILL
A WASTE MANAGEMENT COMPANY

18703 Cambridge Rd.
Anderson, CA 96007
(530) 347-5236
(530) 347-7056 Fax

January 30, 2004

Ms. Carla Serio
Shasta County Environmental Health
1855 Placer Street
Redding, CA 96001



Subject: **Proposed Temporary Height Increase**

Dear Ms. Serio:

Pursuant to CCR Title 14 section 17211, Anderson Landfill is requesting to enter into a Stipulated Agreement with Shasta County Department of Resource Management Environmental Health Division (LEA), for the temporary increase in the permitted height limit at the landfill. The current permitted height limit is 760 ft. MSL as stated in the Solid Waste Facility Permit. Utilizing current volume estimates, the facility is proposing a temporary increase of the maximum permitted elevation to 780 ft. MSL. All fill placed in excess of 760-ft MSL limit will be relocated to the new lined cell by August 30th, 2004.

Anticipated Volumes

Although it is likely that the new cell will be completed within one or two months (depending entirely on weather), the worst-case scenario is presented for this project. The worst-case scenario assumes continued poor weather for the next several months until May 2004.

The average tonnage over the last 12-weeks has been 2500 tons of waste per week. If this tonnage continues and waste is accepted for the next 20-weeks then, (assuming an airspace utilization factor of 0.5 tons per cubic yard) approximately 100,000 cubic yards of airspace may be needed. Utilizing an average 18-foot refuse lift, then approximately 150,000 square feet of space may be required. As shown on the attached map, the dimensions of the fill area could then be approximately 280-feet from the southeastern corner of Unit-1 towards the west to the existing access road, then continuing this fill approximately 525 feet to the north. This will provide the necessary capacity to meet our worst-case needs.

Operations

To get through until the new lined cell is complete, it is proposed to build approximate 18-foot lifts beginning near the southeast corner of Unit-1. The lifts will continue across to the west approximately 280-feet until it meets the existing access road. The lifts would then continue back to the east and then back to the west until the fill is complete. In this manner and allowing for required cover, the maximum fill elevation will be 780-feet above MSL, or 20-feet above the current permitted limit. An alternative fill sequence may be utilized, depending on conditions and circumstances.

All fill areas will continue to be operated in compliance with all applicable regulations and permit conditions (with the temporary adjusted height limit). All outside slopes will be graded to 3:1 or greater on the side slopes and approximately12:1 on the top deck. Intermediate cover of at least one-foot thick will be maintained on top as required by regulation and for drainage. Any potential contact water will be directed to the contained area immediately east of Unit-1. All non-contact stormwater will be directed in accordance with current drainage practices, which is generally to the north from the proposed fill area (see engineering calculations attached). Existing cover will be removed prior to filling over the existing Unit-1 areas to promote leachate control. Litter control fences will be erected as needed to contain litter. Additional labor will be used as needed to control any excessive windblown litter.

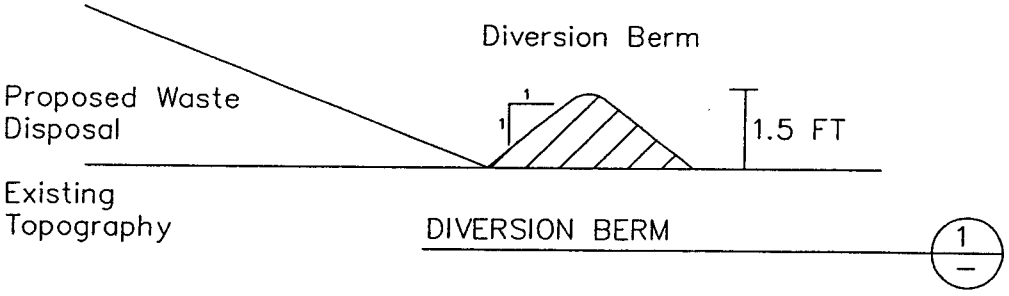
Waste Relocation

As indicated above, Anderson Landfill will relocate the waste associated with this proposal to the newly constructed lined cell as soon as practical but no later than August 30, 2004. ALF has considerable experience excavating and relocating wastes at this facility and will conduct this operation in a manner to control litter, odors, dust and run-off. Waste will be relocated using an excavator and dump trucks. During excavation, water trucks will be available to apply water as needed to control both dust and odors. The excavation face will be kept as small as practical as well as covered nightly to further control odors. Given good weather conditions, the waste would be relocated within 90-days.

Should you have any questions, please do not hesitate to contact me at 530-347-3583.

Sincerely,

Richard E. King
District Manager



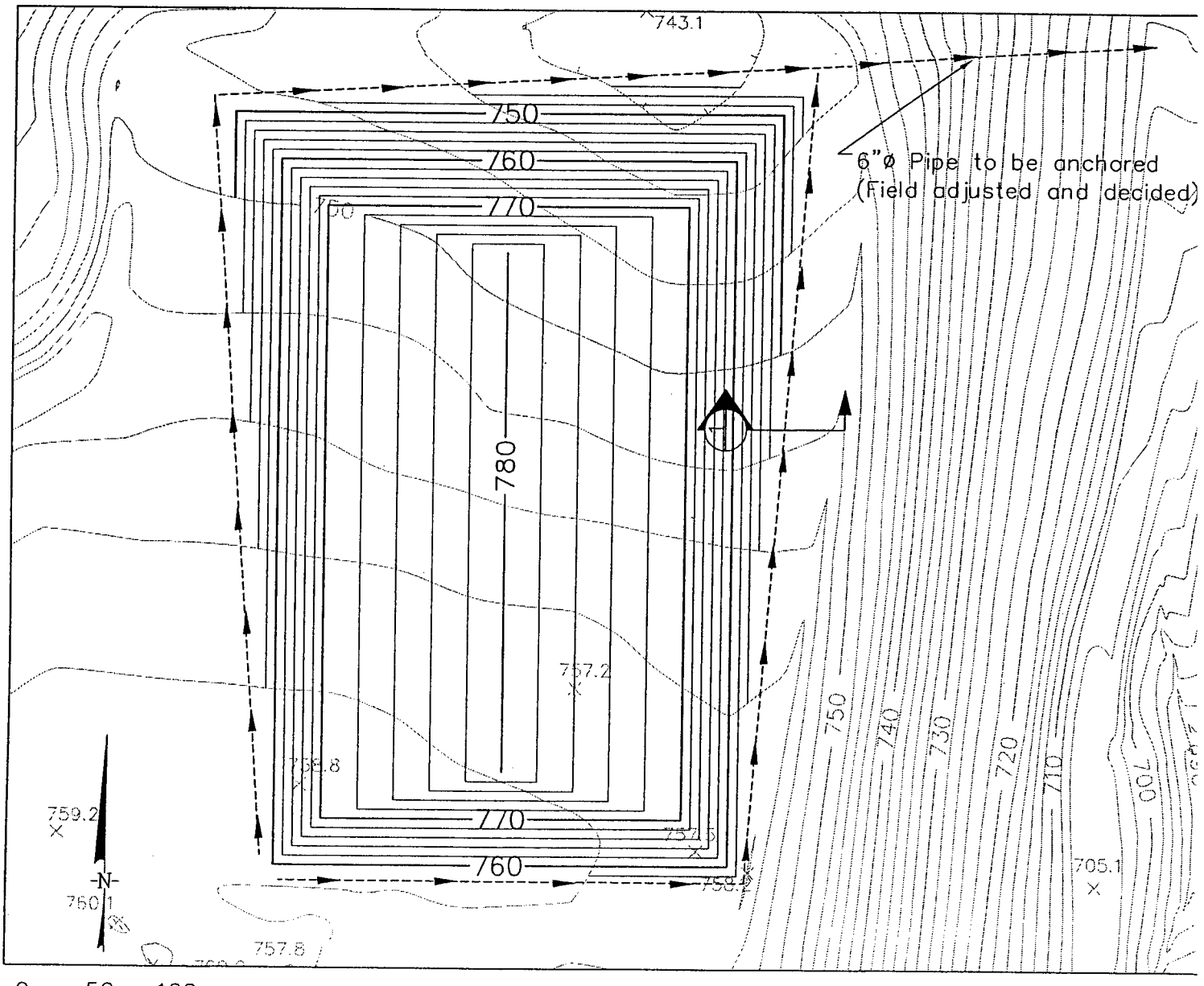


Figure 1 : Proposed Waste Disposal Grading

LAWRENCE
& ASSOCIATES
ENGINEERING GEOLOGY
CIVIL ENGINEERING
GROUND-WATER HYDROLOGY

C96.11.04

March 30, 1998

Mr. Jim Cook
Shasta County Planning Department
1855 Placer Street
Redding, CA 96001

Dear Mr. Cook:

SUBJECT: VISUAL IMPACT STUDY FOR ANDERSON SOLID WASTE LANDFILL, SHASTA COUNTY CALIFORNIA

This letter is a request to determine the maximum elevation of the Anderson Solid Waste, Inc. (ASWI) landfill located at 18703 Cambridge Road, Shasta County, California.

Mr. Dale Stultz of the Shasta County Department of Environmental Health and I met briefly with Marci Gonzales to discuss this matter. Mr. Gonzales suggested that a formal request for establishing a maximum elevation be made to your office. This letter constitutes that formal request.

Enclosed is a copy of the Report of Disposal Site Information (RDSI) for ASWI Landfill to aid in your review of this letter.

Scope of Work

During the periodic permit review and development of the RDSI (as required by the State of California Integrated Waste Management Board), it was determined that no maximum elevation had been assigned to the landfill. A visual impact study was performed by Sharrah Dunlap & Associates during the initial EIR for this project in 1989, although specific elevations were not described. Therefore, ASWI requested that Lawrence & Associates perform a visual impact study using specific elevations.

Background

The current permit includes a total property acreage of 640 acres. The permitted area is 246 acres in the in the northern half. Approximately 150 to 170 acres of the permitted area will be filled with waste. The remaining area will be used for ponds and borrow. WMUs 1, 2 and 3 are addressed in the current permit. ASWI proposes to expand into WMUs 4 and 5 within the next 5 to 10 years. WMUs 4 and 5 are within the permitted boundary, but are not included in the existing permit (except as a reference to future expansion).

The question of maximum elevation applies to the east end of WMU 1 and WMUs 4 and 5, because these WMU's have a footprint large enough to allow a higher elevation. The current design elevation, presented in the RDSI is 767 feet MSL (above mean sea level). Anderson Solid Waste, Inc. desires to set the maximum elevation to 807 feet MSL, 40 feet above the current design elevation. The revised closure contours resulting from this change will be submitted in an addendum to the RDSI.

The purpose for increasing the height is to distribute the cost of closure and liner construction over a larger number of cubic yards. This will benefit the public by keeping the gate fees as low as possible while still meeting stringent State and Federal requirements for construction and closure. The purpose also is to extend the site life.

Visual Impact Summary

To determine the visual impact of the proposed maximum elevation, a visual impact study was performed. Three-foot diameter weather balloons were used to show the absolute elevation for evaluation of landfill visibility in the area surrounding the landfill.

First, the locations of both ends of the future crest of the closure cap were surveyed (**Figure 1**). Elevations of the current ground level then were determined and the length of tether line was calculated so that the balloons would be placed at known elevations. Balloons were set at each end of the future crest at the elevations shown in **Table 1**. The study was performed on a clear, calm day. The balloons generally remained within 15 degrees of vertical. This means that the observed height was no less than 96.5% of the maximum height.

Table 1
Balloon-Elevation Data

Balloon Group	Ground Surface Elevation (feet MSL)	Tether Length (feet)	Balloon Elevation (feet MSL)	Height above Design Elevation (feet MSL)
Eastern Set	678.38			
Lower (2 white balloons)		88.62	767	0
Middle (3 red balloons)		108.62	787	20
Upper (3 white balloons)		128.62	807	40
Western Set	745.28			
Lower (3 red and 3 white balloons)		28.72	774	7
Upper (3 red balloons)		48.72	794	27

After inflating and placing the balloons on measured tether lines, the balloons were tied to weights and placed in the surveyed location of each crest of the future closure cap.

All of the nearest, accessible public roads were driven completely around the landfill and photographs were taken where the landfill was visible. **Figure 2** shows the route taken and the areas where the balloons and/or existing landfill were visible. Green lines show the areas where neither the landfill or balloons were visible. Yellow lines show area where the landfill or balloons were visible with difficulty through trees or requiring binoculars to find. Red areas are where the landfill was clearly visible to the unaided eye. The locations of each photograph are shown on the drawing. **Figures 3** and **4** are the photographs taken from each point.

The balloon nor landfill were not visible from much of the surrounding areas due to ridges between the landfill and surrounding public roads. Although it was winter, and the oak trees were bare in most locations, particularly along West Anderson Drive, the balloons could only be seen through the trees with difficulty. During the summer, it is unlikely that they would be visible at all.

North and west of the landfill the balloons could only be seen through binoculars low on the horizon. Two or three residences are located on the ridge north of the landfill. The landfill was not visible from the driveway entrances along Brumby Lane.

The only area where the landfill was clearly visible was along Cambridge Road from the nearest neighbors house to the County Septage Ponds. At the neighbors house, the landfill would be visible at the current design elevation as well as at the maximum elevation.

Summary

Based on this study, it is likely that the landfill will only be clearly visible from the immediate area of Cambridge Road. The landfill will be slightly visible in two areas along West Anderson

Road and yisible with binoculars from some points along Brumby Lane to the North and Linnie Lane to the East. The landfill will not be readily seen from other areas in the vicinity. Upon closure, the landfill will look like a grassy hill.

Based on this study a maximum elevation of 807 feet MSL appears to pose minimal impact on surrounding area.

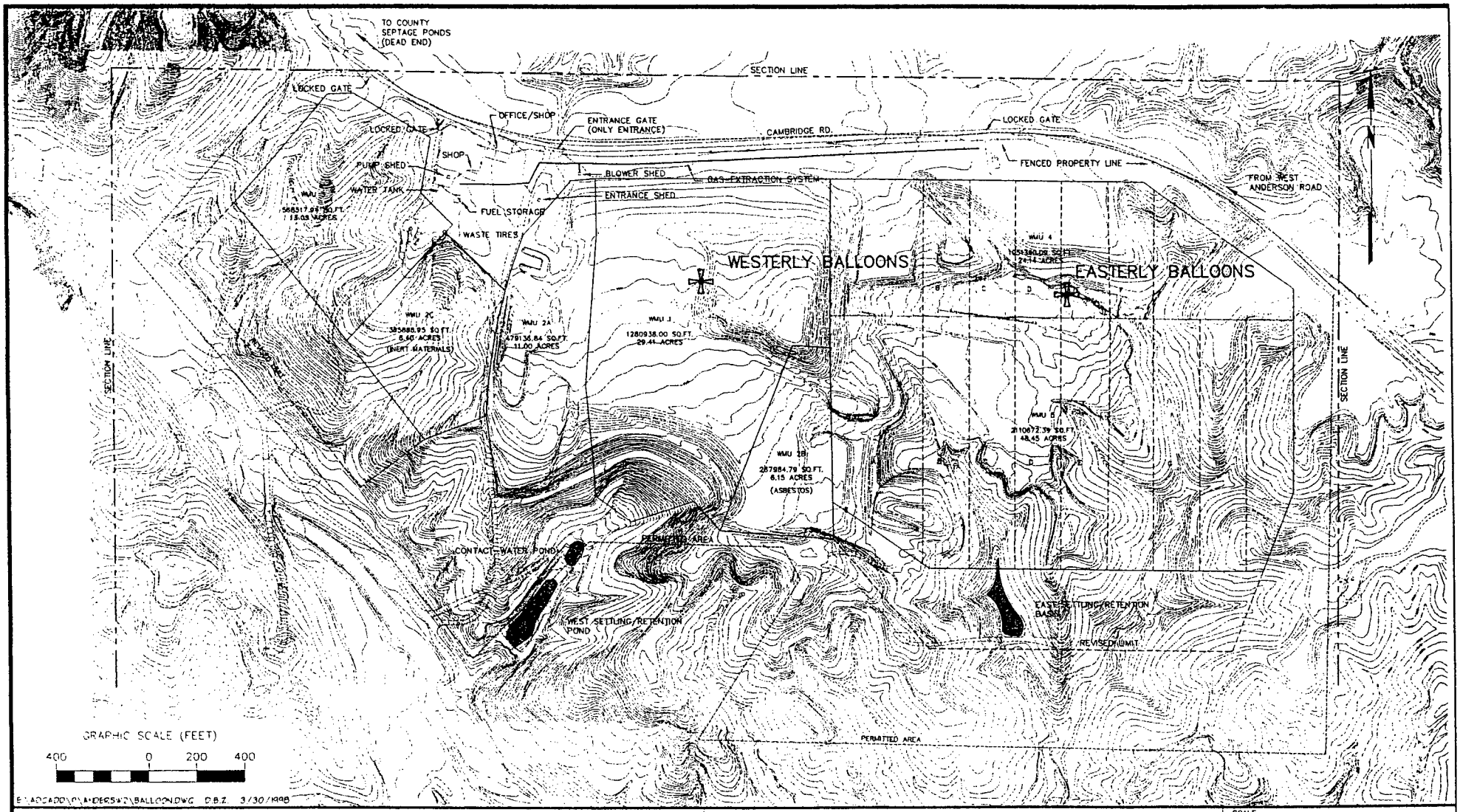
Please let me now if there is any additional information you need.

Sincerely,

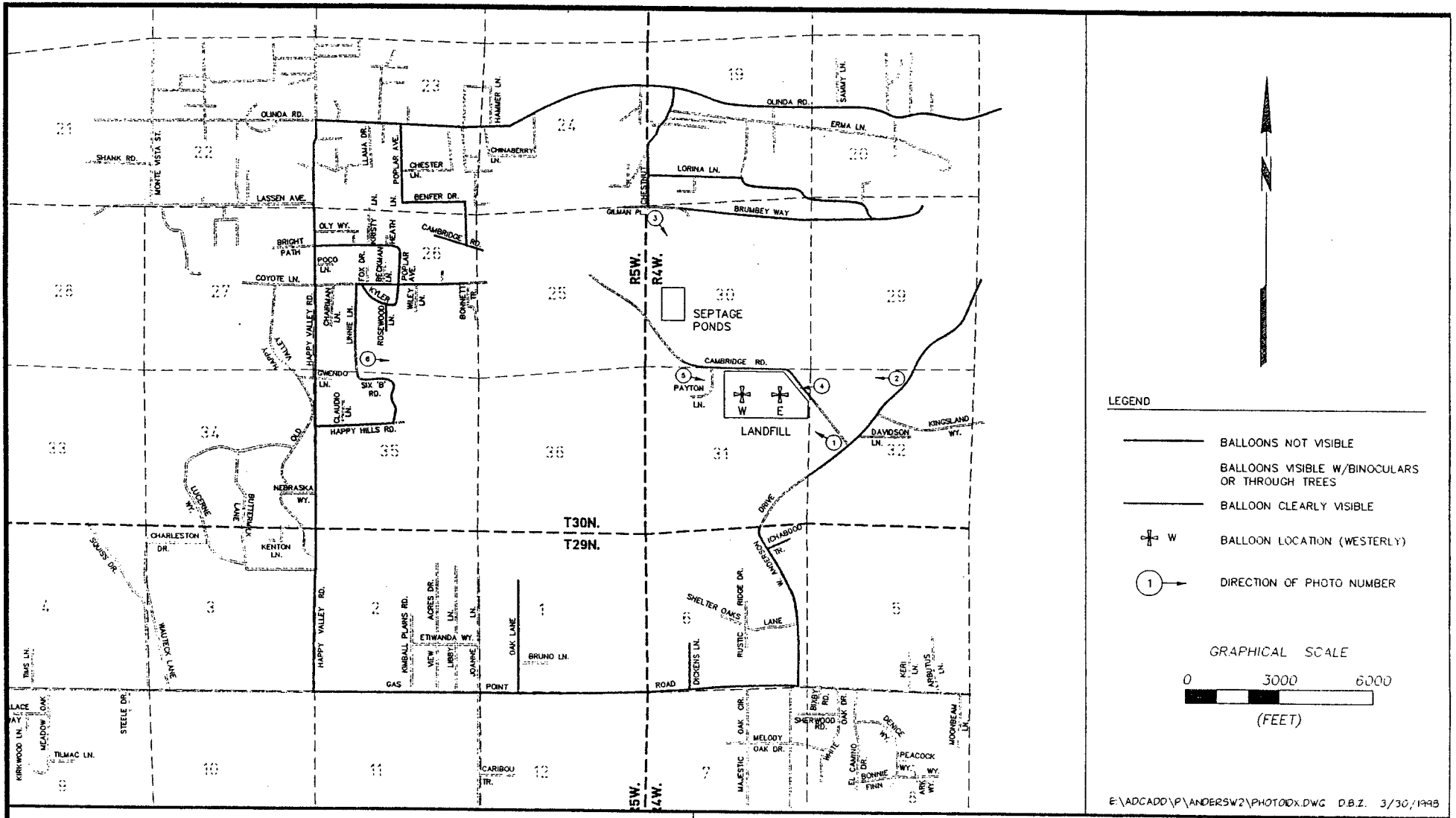
Clayton E. Coles
Senior Engineering Geologist

enc. Figures 1 through 4
Copy of RDSI

cc: Ms. Kathleen Thompson, ASWI
Mr. James Martin, Republic Waste Industries
Mr. Dale Stultz, Shasta County Department of Environmental Health



VICINITY MAP SHOWING BALLOON LOCATIONS		LAWRENCE & ASSOCIATES 2001 MARKET STREET, RM. 523 REDDING, CA 96001 PHONE (916) 244-9703 FAX (916) 244-5021		SCALE: 1"=400' DATE: 3/27/98 JOB NO.: C96.11.04
CLIENT: ANDERSON SOLID WASTE, INC.	PROJECT: VISUAL IMPACT STUDY	DRAWN BY: D. ZAITZ	CHECKED BY: C. COLES	FIGURE 1



LEGEND

- BALLOONS NOT VISIBLE
- BALLOONS VISIBLE W/BINOCULARS OR THROUGH TREES
- BALLOON CLEARLY VISIBLE
- W — BALLOON LOCATION (WESTERLY)
- (1) → DIRECTION OF PHOTO NUMBER

GRAPHICAL SCALE

0 3000 6000

(FEET)

E:\ADCADD\P\ANDERSW2\PHOTOIDX.DWG D.B.Z. 3/30/1998

VISIBILITY OF FUTURE LANDFILL CAP
FEBRUARY 24, 1998

LAWRENCE & ASSOCIATES
2001 MARKET STREET, RM. 523
REDDING, CA 96001
PHONE (916) 244-9703
FAX (916) 244-5021

SCALE:	1" = 3000'
DATE:	3/27/98
JOB NO.:	C96.11.04

CLIENT:	PROJECT:	DRAWN BY:	CHECKED BY:	
ANDERSON SOLID WASTE, INC.	VISUAL IMPACT STUDY	D. ZAITZ	C. COLES	FIGURE 2

PHOTO 1 – FROM CLOSEST RESIDENCE ON CAMBRIDGE ROAD LOOKING WEST
EASTERN SET VISIBLE, WESTERN SET NOT VISIBLE

GENERAL NOTES:

EASTERN BALLOON SET ELEVATIONS

LOW BALLOON – SET AT CURRENT MAXIMUM DESIGN ELEVATION
MIDDLE BALLOON – SET 20' ABOVE CURRENT MAXIMUM DESIGN ELEVATION
UPPER BALLOON – SET 40' ABOVE CURRENT MAXIMUM DESIGN ELEVATION

WESTERN BALLOON SET ELEVATIONS

LOW BALLOON – SET 7' ABOVE CURRENT MAXIMUM DESIGN ELEVATION
UPPER BALLOON – SET 27' ABOVE CURRENT MAXIMUM DESIGN ELEVATION

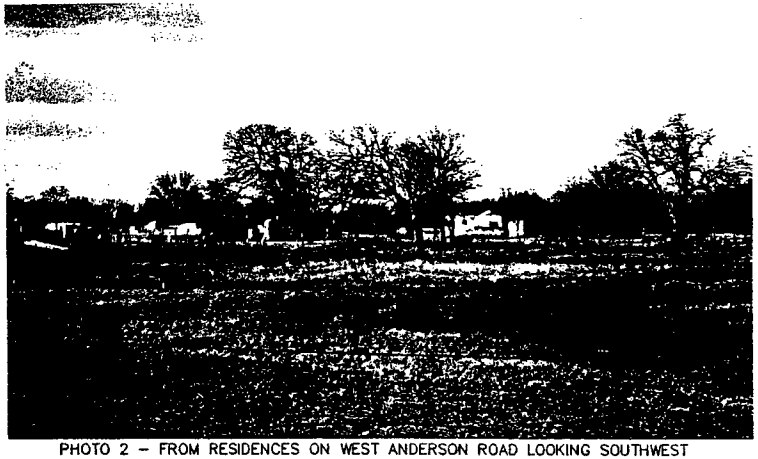


PHOTO 2 – FROM RESIDENCES ON WEST ANDERSON ROAD LOOKING SOUTHWEST
EASTERN SET VISIBLE, WESTERN SET NOT VISIBLE

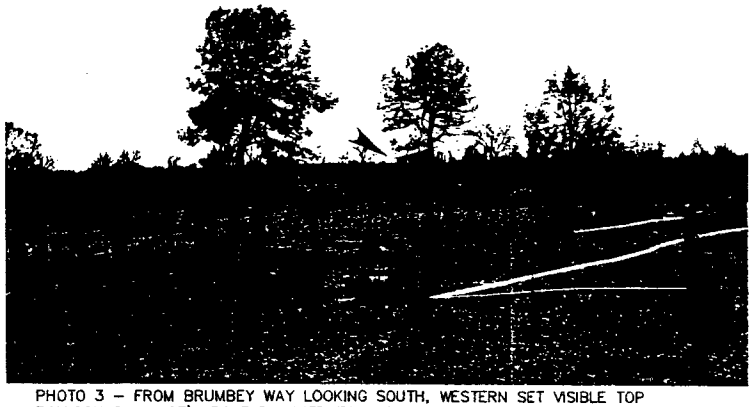


PHOTO 3 – FROM BRUMBEY WAY LOOKING SOUTH, WESTERN SET VISIBLE TOP
BALLOON ONLY: 27' ABOVE PLANNED TOP OF WASTE, EASTERN SET NOT VISIBLE

E:\ADCADD\P\ANDERSW2\PHOTO1.DWG D.E.Z. 3/30/1998

BALLOON PHOTOGRAPHS FEBRUARY 24, 1998	LAWRENCE & ASSOCIATES 2001 MARKET STREET, RM. 523 REDDING, CA 96001 PHONE (916) 244-9703 FAX (916) 244-5021		SCALE: NO SCALE DATE: 3/27/98 JOB NO.: C96.11.04
CLIENT: ANDERSON SOLID WASTE, INC.	PROJECT: VISUAL IMPACT STUDY	DRAWN BY: D. ZAITZ CHECKED BY: C. COLES	FIGURE 3

PHOTO 4 – FROM CAMBRIDGE ROAD AT GATE TO ASWI, EASTERN SET VISIBLE
WESTERN SET NOT VISIBLE

GENERAL NOTES:

EASTERN BALLOON SET ELEVATIONS

LOW BALLOON – SET AT CURRENT MAXIMUM DESIGN ELEVATION
MIDDLE BALLOON – SET 20' ABOVE CURRENT MAXIMUM DESIGN ELEVATION
UPPER BALLOON – SET 40' ABOVE CURRENT MAXIMUM DESIGN ELEVATION

WESTERN BALLOON SET ELEVATIONS

LOW BALLOON – SET 7' ABOVE CURRENT MAXIMUM DESIGN ELEVATION
UPPER BALLOON – SET 27' ABOVE CURRENT MAXIMUM DESIGN ELEVATION

PHOTO 5 – FROM COUNTY SEPTAGE PONDS LOOKING SOUTHEAST
WESTERN SET VISIBLE, EASTERN SET NOT VISIBLE

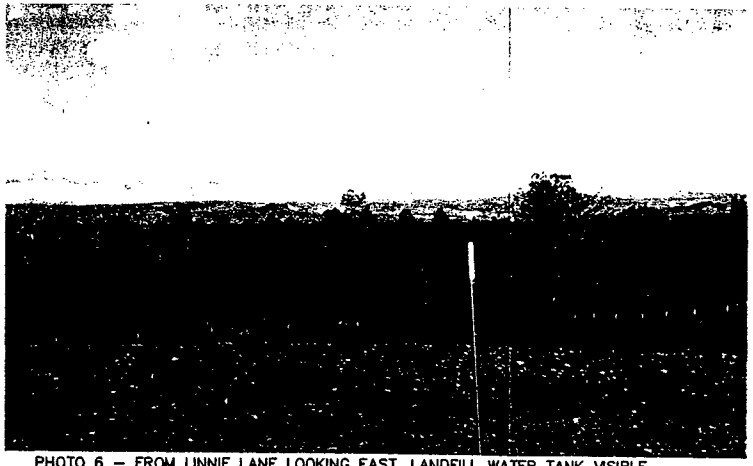


PHOTO 6 – FROM LINNIE LANE LOOKING EAST, LANDFILL WATER TANK VISIBLE.
NO BALLOONS VISIBLE.

E:\ADCADD\P\ANDERSW2\PHOTO2.DWG D.B.Z. 3/30/1998

BALLOON PHOTOGRAPHS FEBRUARY 24, 1998		LAWRENCE & ASSOCIATES 2001 MARKET STREET, RM. 523 REDDING, CA 96001 PHONE (916) 244-9703 FAX (916) 244-5021		SCALE: NO SCALE DATE: 3/30/98 JOB NO.: C96.11.04
CLIENT: ANDERSON SOLID WASTE, INC.	PROJECT: VISUAL IMPACT STUDY	DRAWN BY: D. ZAITZ	CHECKED BY: C. COLES	FIGURE 4

Notice of Exemption

To: ☐ Office of Planning and Research
1400 Tenth Street, Room 121
Sacramento, CA 95814

■ County of Shasta
Clerk of the Board
1815 Yuba Street, Suite 1
Redding, CA 96001

From: ☐ Shasta County
Dept. of Resource Management
Planning Division
1855 Placer Street
Redding, CA 96001

Project Title: Anderson Landfill Emergency Temporary Height Increase

Project Location - Specific: Anderson Landfill, Unit 1 - 18703 Cambridge Road

Project Location - City: Anderson **Project Location - County:** Shasta

Description of Project: Allow a temporary increase in the maximum height for the landfill from 760 feet above mean sea level to 780 feet above mean sea level until August 30, 2004.

Name of Public Agency Approving Project: Shasta County Resource Management Department

Name of Person or Agency Carrying Out Project: Anderson Landfill Inc.

Exempt Status:

☐ Ministerial (Sec. 21080(b)(1); 15286);
☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
■ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
☐ Categorical Exemption. State type and section number:
☐ Statutory Exemption. State code number:

Reasons why project is exempt:

1. It is necessary to temporarily increase the height of the landfill in order to continue an essential public service - solid waste disposal.

2. Solid waste disposal is essential to the public health, safety, and welfare.

Lead Agency
Contact Person: John R. Stokes - (530) 225-5532

If Filed by Applicant:

1. Attach certified document of exemption finding.

2. Has a Notice of Exemption been filed by the public agency approving the project? ■ Yes ☐ No

Signature: _____ Title: Director, Shasta County Department of Resource Management

Date: 2-11-04

■ Signed by Lead Agency
☐ Signed by Applicant

Date received for filing at OPR:

Revised October 1989