

8 ERID#:

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88428

LOS ALAMOS NATIONAL LABORATORY  
ENVIRONMENTAL RESTORATION (RRES-R)  
Records Processing Facility  
ER Records Index Form

Date Received: 2/17/2005 Processor: JR Page Count: 1

Privileged: (Y/N) N Record Category: P Administrative Record: (Y/N) Y

FileFolder: N/A

Miscellaneous Comments: THIS ERID NUMBER WAS ASSIGNED & GIVEN TO PAM MAESTAS

Record Documents:

Start Pg	Doc Type	Doc Date	Title	Box	Package
1	ASSESSMENT	4/1/2005	LANL SURFACE WATER SITE ASSESSMENT N/A N/A N/A		1632

31003



88428

### Surface Water Site Assessment

#### Site Information

Site ID: 80	PRS ID: 00-018(a)	Nearest Struct:
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#### Setting

<b>Topography</b>			
On Mesa Top: No	On Bench in Canyon: Yes	On Canyon Floor, Not Channel: No	In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Old wastewater treatment facility, within Pueblo Canyon.			

<b>Ground/Canopy Cover</b>		
Sparse (<25%): No	Medium (25-75%): No	Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Total grass coverage in area of sludge fill. Natural vegetative canopy cover throughout the site.		

<b>Slope at Area Impacted</b>		
Flat (<10%): No	Gradual (10-30%): Yes	Steep (>30%): No
<b>Slope Explanation:</b>		

#### Run-off

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
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### Surface Water Site Assessment

PRS ID: 00-018(a)

#### Run-off (Continued)

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Natural
<b>Channelization Explanation:</b> Tributary to Pueblo discharge to the east.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

#### Run-on

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b>

## Surface Water Site Assessment

PRS ID: 00-018(a)

### Run-on (Continued)

Natural Run-on. Is Natural Drainage Creating Run-on to the Site:

Yes

Natural Run-on Explanation:

Current Operations Run-on. Are Current Operations Creating Run-on to the Site:

No

Current Operations Run-on Explanation:

### Assessment Finding

Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:

No

### Sign Off

Site Not Found: No	Revision of Earlier Assessment: No	
Name of Assessment Author: Steve Veenis		Assessment Date: 05/12/1997

## Surface Water Site Assessment

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PRS ID: 00-018(a)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-018(a)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			4.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	6.5
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>42.8</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 81	PRS ID: 00-018(b)	Nearest Struct:
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**Setting**

**Topography**  
 On Mesa Top: No    On Bench in Canyon: No    On Canyon Floor, Not Channel: Yes    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Is known as the active Bayo Canyon wastewater treatment plant, located at the intersection of Pueblo and Bayo Canyons.  
  
 RFI Report for TA-00: PRS 00-018(a,b) Waste Water Treatment Plant LA-UR Number: 97-3319. RFI Report for PRSs 00-018 (a,b), Wastewater Treatment Plants (Field Unit 1) LA-UR Number: 97-3319. RFI Work Plan for Operable Unit 1071.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): No     Thick (>75%): Yes

**Ground/Canopy Cover Explanation:**  
 Ground cover is thick consisting of grass and miscellaneous asphalt containment vessels which reside in the ground. Area between sludge beds is sparsely vegetated and consists mostly of barren soil.

**Slope at Area Impacted**  
 Flat (<10%): No     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Slope at impact area is to the east, gradual, and greater than 30%.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 No

**Surface Water Site Assessment**

PRS ID: 00-018(b)

**Run-off (Continued)**

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

**Run-on**

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Sludge-bed wastewater treatment plant structures & access road/park ways will create run-on to site.

## Surface Water Site Assessment

PRS ID: 00-018(b)

### Run-on (Continued)

**Natural Run-on. Is Natural Drainage Creating Run-on to the Site:**

No

**Natural Run-on Explanation:**

Potential for natural run-on doesn't exist.

**Current Operations Run-on. Are Current Operations Creating Run-on to the Site:**

No

**Current Operations Run-on Explanation:**

Potential for operational run-on doesn't exist.

### Assessment Finding

**Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:**

No

### Sign Off

**Site Not Found:**

No

**Revision of Earlier Assessment:**

No

**Name of Assessment Author:**

Heather Voss

**Assessment Date:**

04/05/2005

## Surface Water Site Assessment

PRS ID: 00-018(b)

### Additional Information

#### Trash and Debris Notes

<b>Is there Visible Trash and Debris on the Site:</b> No	<b>Is there Visible Trash and Debris In a Watercourse:</b> No
<b>Trash and Debris Explanation:</b> Trash/debris doesn't exist on site.	

#### General Notes

**Assessment Comments:**  
Earth berm exists around the south eastern and eastern end of PRS.

#### Best Management Practice Notes

<b>Are Permanent BMPs in Place:</b> No	<b>Permanent BMPs in Place:</b>
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**Surface Water Site Assessment**

PRS ID: 00-018(b)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			13.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>34.3</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

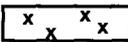
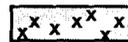
**Site Information**

Site ID: 94	PRS ID: 00-030(d)	Nearest Struct:
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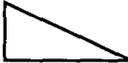
**Setting**

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Site is know as a former septic tank (strucutre 2). It was located on Los Alamos property a the Pine Street cul-de-sac. The septic tank remained in use until the central w astew ater treatment plant was completed in 1947.  
 VCA Report for TA-00: PRS 00-030(d,k), C-00-043. LA-UR Number: 97-3318. Voluntary Corrective Action Plan for TA-00: PRSs 00-030(d,h,i,j,k,n,o,p) Tow n Site Septic Systems LA-UR Number: 96-936. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No   
  Medium (25-75%): No   
  Thick (>75%): Yes

**Ground/Canopy Cover Explanation:**  
 Area is covered in asphalt and is located next to play ground. Culvert exists at the eastern end of cul-de-sac on the E facing slope.

**Slope at Area Impacted**  
 Flat (<10%): Yes   
  Gradual (10-30%): No   
  Steep (>30%): No

**Slope Explanation:**  
 Slope at impact area is relitively flat.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 No

### Surface Water Site Assessment

PRS ID: 00-030(d)

#### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

#### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Residential homes roof drains and existing road way will create run-on to site.

**Surface Water Site Assessment**

PRS ID: 00-030(d)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for structural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> Potential for operational run-on doesn't exist.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
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**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/05/2005</p>

## Surface Water Site Assessment

PRS ID: 00-030(d)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash/debris doesn't exist on site.	

#### General Notes

Assessment Comments: BMPs do not exist.
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#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(d)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

Surface Water Site Assessment

Site Information

Site ID: 95	PRS ID: 00-030(eN)	Nearest Struct:
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Setting

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Known as septic tank No.4, which was two parallel septic tanks 5 ft apart. Septic tanks were located on private property north of Canyon Road at the former Boy Scout Lodge and handled waste from the original town site.

RFI Report for TA-00: PRSs 00-030(eN, eS, f). LA-UR Number: 96-2135. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Ground coverage consists of Ponderosa Pines, Juniper, and forest litter.

**Slope at Area Impacted**  
 Flat (<10%): Yes     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Slope at impact area was relatively flat and increases to a steep slope of greater than 30% S toward Canyon Road and N toward lodge.

Run-off

**Is There Visible Evidence of Run-off Discharging from Site:**  
 No

## Surface Water Site Assessment

PRS ID: 00-030(eN)

### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: No
Structural Run-on Explanation: Potential for structural run-on doesn't exist.

**Surface Water Site Assessment**

PRS ID: 00-030(eN)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for natural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> Potential for operational run-on doesn't exist.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
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**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/05/2005</p>

## Surface Water Site Assessment

PRS ID: 00-030(eN)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash and debris doesn't exist at site.	

#### General Notes

Assessment Comments: BMPs do not exist.
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#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(eN)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>20.5</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 96	PRS ID: 00-030(eS)	Nearest Struct:
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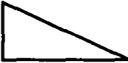
**Setting**

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Known as a septic tank (structure 4A), located on private property south of Canyon Road at the Chapel Apartments. Structure 4A served residences and may have been connected to TA-01. It discharged to an outfall. The tank ceased operation when the central wastewater treatment plant came on-line in 1947, and was removed when the Chapel Apartments were built in 1949.  
 RFI Report for TA-00: PRSs 00-030(eN, eS, f). LA-UR Number: 96-2135. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No   
  Medium (25-75%): No   
  Thick (>75%): Yes

**Ground/Canopy Cover Explanation:**  
 Vegetation consists of tuff, Junipers, various grasses, and misc. trees. Area not vegetated is covered in asphalt and concrete.

**Slope at Area Impacted**  
 Flat (<10%): No   
  Gradual (10-30%): No   
  Steep (>30%): Yes

**Slope Explanation:**  
 Slope at impact area is to the north and greater than 30%.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 Yes

**Surface Water Site Assessment**

PRS ID: 00-030(eS)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Man-Made
<b>Channelization Explanation:</b> Concrete diversion channel exists on the NE corner of parking/road way belonging to the Chapel Apartments.	

<b>Where Does Evidence of Runoff Terminate:</b> Other
<b>Terminus Explanation</b> Run-off terminates on southern side of Canyon Rd through culvert.

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Sheet Flow
<b>Erosion Explanation:</b> Evidence of erosion from run-off doesn't exist.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Chapel Apartments roof, drains, & parking/road way.

**Surface Water Site Assessment**

PRS ID: 00-030(eS)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for natural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> Yes</p>
<p><b>Current Operations Run-on Explanation:</b> Hydrant exists next to concrete channel diversion.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
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**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/05/2005</p>

## Surface Water Site Assessment

PRS ID: 00-030(eS)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash/debris doesn't exist.	

#### General Notes

Assessment Comments:  
Cement diversion channel exists as a permanent BMP.

#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(eS)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	1.9
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			2.2
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>35.4</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 97	PRS ID: 00-030(f)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Is known as a septic tank (structure 5), which consists of the two septic tanks located on the private property south of Canyon Road and north of Rose Street, slightly north east of the United Church school building. The tank ceased operating when the central wastewater treatment plant came on-line in 1947. RFI Report for TA-00: PRSs 00-030(eN, eS, f). LA-UR Number: 96-2135. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

<b>Ground/Canopy Cover</b> <input type="checkbox"/> Sparse (<25%): No <input type="checkbox"/> Medium (25-75%): No <input checked="" type="checkbox"/> Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Site exists under the north east corner of the United Church School building and asphalt road/parkway. Existing vegetation consists of a couple of Ponderosa Pines and misc. plants against the building.

<b>Slope at Area Impacted</b> <input checked="" type="checkbox"/> Flat (<10%): Yes <input type="checkbox"/> Gradual (10-30%): No <input type="checkbox"/> Steep (>30%): No
<b>Slope Explanation:</b> Slope is gradual and north toward Canyon Road.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

# Surface Water Site Assessment

PRS ID: 00-030(f)

## Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

## Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Existing structures roof, drains, road/park way.

**Surface Water Site Assessment**

PRS ID: 00-030(f)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for natural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> Potential for operational run-on doesn't exist.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/05/2005</p>

## Surface Water Site Assessment

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PRS ID: 00-030(f)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash/debris doesn't exist on site.	

#### General Notes

Assessment Comments: BMP's were not found at site.
---

#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(f)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

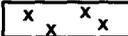
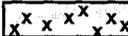
**Site Information**

Site ID: 99	PRS ID: 00-030(h)	Nearest Struct:
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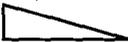
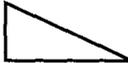
**Setting**

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Was known as a septic tank (structure 7), located on private property north of Canyon Road beneath the asphalt-paved west parking lot at the new Catholic Church, 3700 Canyon Road. The tank was used from 1945 to 1947.  
 VCA/RFI Reports for TA-00: PRSs 00-030(h, i, n, o, p). LA-UR Number: 96-3351. Voluntary Corrective Action Plan for TA-00: PRSs 00-030(d, h, i, j, k, n, o, p) Town Site Septic Tank System LA-UR Number: 96-936. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): No     Thick (>75%): Yes

**Ground/Canopy Cover Explanation:**  
 Area is completely covered in asphalt.

**Slope at Area Impacted**  
 Flat (<10%): Yes     Gradual (10-30%): No     Steep (>30%): No

**Slope Explanation:**  
 Slope is relatively flat and gradual to the north through parking/road way.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 No

## Surface Water Site Assessment

PRS ID: 00-030(h)

### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Canyon Road could contribute to run-on to site.

**Surface Water Site Assessment**

PRS ID: 00-030(h)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for natural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> Yes</p>
<p><b>Current Operations Run-on Explanation:</b> Hydrant exists SW of the site on the south side of Canyon Road.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/05/2005</p>

# Surface Water Site Assessment

PRS ID: 00-030(h)

## Additional Information

### Trash and Debris Notes

<b>Is there Visible Trash and Debris on the Site:</b> No	<b>Is there Visible Trash and Debris In a Watercourse:</b> No
<b>Trash and Debris Explanation:</b> Trash/debris doesn't exist on site.	

### General Notes

**Assessment Comments:**  
BMPs do not exist on site.

### Best Management Practice Notes

<b>Are Permanent BMPs in Place:</b> No	<b>Permanent BMPs in Place:</b>
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**Surface Water Site Assessment**

PRS ID: 00-030(h)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>14.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

Surface Water Site Assessment

Site Information

Site ID: 103	PRS ID: 00-030(j)	Nearest Struct:
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Setting

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Is known as a septic tank located about 600ft. north of East road and east of the eastern segment of Manhattan Loop. The tank was used until 1947, when the central wastewater treatment plant came online. Voluntary Corrective Action Plan for TA-00:PRSs 00-030(d, h, i, j, k, n, o, p) Town Site Septic Tank Systems. LA-UR Number: 96-936. RFI Work Plan for Operable Unit 1071. LA-UR Number: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Vegetation consists of Yuccas, various grasses, forbs and Ponderosa Pines.

**Slope at Area Impacted**  
 Flat (<10%): No     Gradual (10-30%): Yes     Steep (>30%): Yes

**Slope Explanation:**  
 Slope is gradual at impact area then increases to steep over the mesa edge in to tributary of Pueblo Canyon.

Run-off

Is There Visible Evidence of Run-off Discharging from Site:  
 No

## Surface Water Site Assessment

PRS ID: 00-030(j)

### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Sombrillo structure roof, roof drains, and park/road way.

**Surface Water Site Assessment**

PRS ID:

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Natural run-on will occur at this site due to natural slope of site.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> Yes</p>
<p><b>Current Operations Run-on Explanation:</b> Hydrant is located approx 25 yards south of site.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/06/2005</p>

## Surface Water Site Assessment

PRS ID: 00-030(j)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash/debris doesn't exist on site.	

#### General Notes

Assessment Comments: Wood chip mulch exists along perimeter of site.
---

#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(j)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>31.5</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

Surface Water Site Assessment

Site Information

Site ID: 107	PRS ID: 00-030(n)	Nearest Struct:
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Setting

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Known as a septic tank located on Los Alamos County property west of 15th st. between Canyon Road and Pueblo Canyon. Effluent discharged into Pueblo Canyon. The tank was used until 1947, when the central wastewater treatment plant came on-line.  
 VCA/RFI Reports for TA-00: PRSs 00-030(h, i, n, o, p) LA-UR #: 96-3351. Voluntary Corrective Action Plan for TA-00: PRSs 00-030(d, h, i, j, k, n, o, p) Town Site Septic Tank Systems. LA-UR #: 96-936. RFI Work Plan for Operable Unit 1071. LA-UR #: 92-0810.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Ground and canopy coverage is approx 50% consisting of forest litter, Ponderosa Pines, various grasses, forbs, and scrub oaks.

**Slope at Area Impacted**  
 Flat (<10%): No     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Slope at impact area starts at approx 30% and increases onto the N facing slope into Pueblo Canyon.

Run-off

Is There Visible Evidence of Run-off Discharging from Site:  
 No

# Surface Water Site Assessment

PRS ID: 00-030(n)

## Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

## Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Canyon Rd will contribute to run-on to the site.

## Surface Water Site Assessment

PRS ID: 00-030(n)

### Run-on (Continued)

Natural Run-on. Is Natural Drainage Creating Run-on to the Site:

No

Natural Run-on Explanation:

Natural slope of site will create run-on to site.

Current Operations Run-on. Are Current Operations Creating Run-on to the Site:

No

Current Operations Run-on Explanation:

Potential for operational run-on doesn't exist.

### Assessment Finding

Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:

No

### Sign Off

Site Not Found:

No

Revision of Earlier Assessment:

No

Name of Assessment Author:

Heather Voss

Assessment Date:

04/05/2005

## Surface Water Site Assessment

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PRS ID: 00-030(n)

### Additional Information

#### Trash and Debris Notes

<b>Is there Visible Trash and Debris on the Site:</b> No	<b>Is there Visible Trash and Debris In a Watercourse:</b> No
<b>Trash and Debris Explanation:</b> Trash/debris doesn't exist on site.	

#### General Notes

<b>Assessment Comments:</b> BMPs doesn't exist on site.
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#### Best Management Practice Notes

<b>Are Permanent BMPs in Place:</b> No	<b>Permanent BMPs in Place:</b>
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**Surface Water Site Assessment**

PRS ID: 00-030(n)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>27.5</b>

Revision of Earlier Assessment: NO

\* No permanent BMPs are in place. Score could be lower with them.

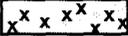
**Surface Water Site Assessment**

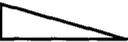
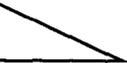
**Site Information**

Site ID: 108	PRS ID: 00-030(o)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Is know as an inactive septic tank located behind a private residence. The tank w as used until 1947, w hen the central w astew ater treatment plant came on-line. VCA/RFI Reports fro TA-00: PRSs 00-030(h, i, n, o, p) LA-UR Number: 96-3351. Voluntary Corrective Action Plan for TA-00: PRSs 00-030(d, h, i, j, k, n, o, p), Tow n Site Septic Tank Systems. LA-UR Number: 96-936. RFI Wokr Plan for Operable Unit 1071.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Vegetation consisits of grass.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b> Slope at impact area is relitively flat at impact area.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

### Surface Water Site Assessment

PRS ID: 00-030(o)

#### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

#### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Residential home will create run-on to site.

**Surface Water Site Assessment**

PRS ID: 00-030(o)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> Potential for natural run-on doesn't exist.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> Potential for operations run-on doesn't exist.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
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**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Heather Voss</p>	<p><b>Assessment Date:</b> 04/06/2005</p>

## Surface Water Site Assessment

PRS ID: 00-030(o)

### Additional Information

#### Trash and Debris Notes

<b>Is there Visible Trash and Debris on the Site:</b> No	<b>Is there Visible Trash and Debris In a Watercourse:</b> No
<b>Trash and Debris Explanation:</b> Trash and debris doesn't exist on site.	

#### General Notes

<b>Assessment Comments:</b> BMPs do not exist.
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#### Best Management Practice Notes

<b>Are Permanent BMPs in Place:</b> No	<b>Permanent BMPs in Place:</b>
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**Surface Water Site Assessment**

PRS ID: 00-030(o)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

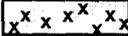
**Surface Water Site Assessment**

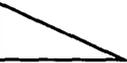
**Site Information**

Site ID: 109	PRS ID: 00-030(p)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Former septic tank located in residential area off Rim Road.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Thick, tall vegetation.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b> Flat area next to mesa edge.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

## Surface Water Site Assessment

PRS ID: 00-030(p)

### Run-off (Continued)

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> Infiltrates.	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b> None observed.	

### Run-on

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b> None

## Surface Water Site Assessment

PRS ID: 00-030(p)

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b> None.

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b> None

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Steve Veenis	<b>Assessment Date:</b> 06/25/1999

# Surface Water Site Assessment

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PRS ID:

## Additional Information

### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

### General Notes

Assessment Comments:

### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-030(p)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>3.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

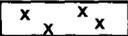
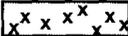
**Surface Water Site Assessment**

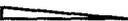
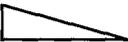
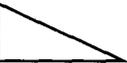
**Site Information**

Site ID: 119	PRS ID: 00-039	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> The PRS is located on a mesa top. A parking lot for Central Park Square covers the location of the PRS.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Ground coverage is at 100%. PRS has been paved over with asphalt.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b> PRS is located on a slope less than 10%.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

**Surface Water Site Assessment**

PRS ID: 00-039

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> No visible of evidence of run-off discharging from site.	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Sidewalks will contribute run-on, but PRS has been paved over with asphalt.

## Surface Water Site Assessment

PRS ID: 00-039

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b> No natural drainage patterns are directing stormwater onto the site.

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b> No current operations are impacting run-on to the site.

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
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### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Jacinto Garduno	<b>Assessment Date:</b> 08/16/2001

## Surface Water Site Assessment

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PRS ID: 00-039

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 00-039

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

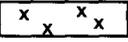
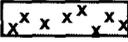
**Surface Water Site Assessment**

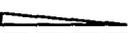
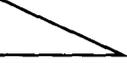
**Site Information**

Site ID: 1823	PRS ID: C-00-043	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Was known a brick and mortar manhole, that was not longer used, located about 50ft. south of the Immaculate Heart of Mary Catholic Church, in a landscaped of the church's parking lots. The plant operated from the mid-1940's until it was decommissioned in the early 1960's. VCA Report for TA-00: PRS 00-030(d,k), C-00-043. LA-UR Number: 97-3318. Voluntary Corrective Action Plan ofr TA-00: PRS C-00-043 Non-HSWA. LA-UR Number: 97-301.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Site is mostly covered in asphalt. Areas not covered in asphalt have either landscaped areas with Ponderosa Pines and or grass.

<b>Slope at Area Impacted</b>  Flat (<10%): No  Gradual (10-30%): Yes  Steep (>30%): No
<b>Slope Explanation:</b> Slope is gradual starting at 10% and increasing to the north to approx 25%.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

## Surface Water Site Assessment

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PRS ID: C-00-043

### Run-off (Continued)

Is Run-off Channelized:	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion:	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: No
Structural Run-on Explanation: Potential for structural run-on doesn't exist.

## Surface Water Site Assessment

PRS ID: C-00-043

### Run-on (Continued)

Natural Run-on. Is Natural Drainage Creating Run-on to the Site:

No

Natural Run-on Explanation:

Potential for natural run-on doesn't exist.

Current Operations Run-on. Are Current Operations Creating Run-on to the Site:

No

Current Operations Run-on Explanation:

Potential for operational run-on doesn't exist.

### Assessment Finding

Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:

No

### Sign Off

Site Not Found:

No

Revision of Earlier Assessment:

No

Name of Assessment Author:

Heather Voss

Assessment Date:

04/06/2005

## Surface Water Site Assessment

PRS ID: C-00-043

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Trash/debris doesn't exist on site.	

#### General Notes

Assessment Comments:  
BMPs do not exist at site.

#### Best Management Practice Notes

Are Permanent BMPs in Place:  
No

Permanent BMPs in Place:

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**Surface Water Site Assessment**

PRS ID: C-00-043

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	6.5
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>8.8</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

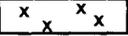
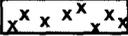
**Surface Water Site Assessment**

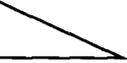
**Site Information**

Site ID: 1262	PRS ID: 31-001	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: No    On Bench in Canyon: Yes    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> At edge of mesa top on south side of Pueblo Canyon. Septic system outfall. PRS boundary extends to bench beyond canyon edge.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Heavy ground cover.

<b>Slope at Area Impacted</b>  Flat (<10%): No  Gradual (10-30%): Yes  Steep (>30%): No
<b>Slope Explanation:</b>

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
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**Surface Water Site Assessment**

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PRS ID: 31-001

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b>	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b>

**Surface Water Site Assessment**

PRS ID: 31-001

**Run-on (Continued)**

<p>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</p> <p>Yes</p>
<p>Natural Run-on Explanation:</p> <p>Sheet flow down slope from surrounding area.</p>

<p>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</p> <p>No</p>
<p>Current Operations Run-on Explanation:</p>

**Assessment Finding**

<p>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</p> <p>No</p>
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**Sign Off**

<p>Site Not Found:</p> <p>No</p>	<p>Revision of Earlier Assessment:</p> <p>No</p>
<p>Name of Assessment Author:</p> <p>Terrill Lemke</p>	<p>Assessment Date:</p> <p>09/16/1997</p>

## Surface Water Site Assessment

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PRS ID: 31-001

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Vegetation and natural BMPs in place.

#### Best Management Practice Notes

**Are Permanent BMPs in Place:**

No

**Permanent BMPs in Place:**

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 31-001

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			4.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	6.5
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>18.8</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 2161	PRS ID: 01-002(b)-00	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: Yes
<b>Topography Explanation:</b> Former waste line no longer active, but had originally discharged into steep drainage just west of the current skateboard park off of Canyon Road.

<b>Ground/Canopy Cover</b> <input type="checkbox"/> Sparse (<25%): No <input checked="" type="checkbox"/> Medium (25-75%): Yes <input type="checkbox"/> Thick (>75%): No
<b>Ground/Canopy Cover Explanation:</b> Slope above culvert, mixed grasses, canopy, pine needles. Below outfall mostly volcanic tuff and exposed sediments within channel.

<b>Slope at Area Impacted</b> <input checked="" type="checkbox"/> Flat (<10%): Yes <input type="checkbox"/> Gradual (10-30%): No <input type="checkbox"/> Steep (>30%): Yes
<b>Slope Explanation:</b> Gentle slope around former outfall area, discharges into channel which goes over shear 100' cliff +/- 30' to the north.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
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**Surface Water Site Assessment**

PRS ID: 01-002(b)-00

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> Outfall discharged directly into the natural channel.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Outfall discharge directly into tributary of Acid Canyon.

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b> Most of channel consists of exposed volcanic tuff. If erosion is occurring it would be at the bottom of channel which was not evaluated.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> 36" culvert discharges into channel from upstream sources on Canyon Road.

**Surface Water Site Assessment**

PRS ID: 01-002(b)-00

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> Yes</p>
<p><b>Natural Run-on Explanation:</b> Some minimal upslope run-on is occurring.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> Yes</p>
<p><b>Current Operations Run-on Explanation:</b> No Laboratory operations are in the general area. The aquatic center located +/- .25 miles to the west discharges pool water into the drainage (NPDES permit).</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
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**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> Yes</p>
<p><b>Name of Assessment Author:</b> Steve Veenis</p>	<p><b>Assessment Date:</b> 11/12/1999</p>

## Surface Water Site Assessment

PRS ID: 01-002(b)-00

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: Yes
Trash and Debris Explanation:	

### General Notes

#### Assessment Comments:

Debris was observed within drainage channel below the culvert. This site was re-evaluated based on a review of the original assessment. The original assessment was performed at the wrong location (8/12/97). The NMED was copied on the original assessment on 1/7/98.

### Best Management Practice Notes

#### Are Permanent BMPs in Place:

No

#### Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 01-002(b)-00

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			17.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>71.5</b>

Revision of Earlier Assessment: Yes

\* No permanent BMPs are in place. Score could be lower with them.

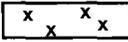
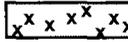
## Surface Water Site Assessment

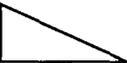
### Site Information

Site ID: 1503	PRS ID: 45-001	Nearest Struct:
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### Setting

<b>Topography</b>			
On Mesa Top: Yes	On Bench in Canyon: No	On Canyon Floor, Not Channel: No	In Channel in Canyon Floor: No
<b>Topography Explanation:</b> PRS is located on mesa top. PRS is no longer visible and has been built upon with skate park.			

<b>Ground/Canopy Cover</b>		
 Sparse (<25%): No	 Medium (25-75%): No	 Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Ground cover is a 100% covered in concrete.		

<b>Slope at Area Impacted</b>		
 Flat (<10%): Yes	 Gradual (10-30%): No	 Steep (>30%): Yes
<b>Slope Explanation:</b> PRS is located on a mesa top with a slope of 5-10% . Directly west of site slope increases to greater than 30% into acid canyon.		

### Run-off

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
---

**Surface Water Site Assessment**

PRS ID: 45-001

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Natural
<b>Channelization Explanation:</b> Visible evidence of run-off trickling down channel on south side of PRS.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Canyon Rd. will cause run-on to the site.

**Surface Water Site Assessment**

PRS ID: 45-001

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> No natural drainage patterns directing stormwater onto site.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> Yes</p>
<p><b>Current Operations Run-on Explanation:</b> Operations north of site will impact run-on onto the site.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Jacinto Garduno</p>	<p><b>Assessment Date:</b> 08/14/2001</p>

# Surface Water Site Assessment

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PRS ID: 45-001

## Additional Information

### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

### General Notes

Assessment Comments:

### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:
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Surface Water Site Assessment

PRS ID: 45-001

Erosion Matrix

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>50.3</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

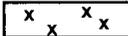
Surface Water Site Assessment

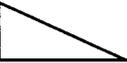
Site Information

Site ID: 1504	PRS ID: 45-002	Nearest Struct:
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Setting

<p><b>Topography</b>                  On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No</p> <p><b>Topography Explanation:</b>                  Former vehicle decontamination area located on mesa edge near county skateboard park. No evidence of former site remains.</p>
---

<p><b>Ground/Canopy Cover</b>   Sparse (&lt;25%): No                     Medium (25-75%): No                     Thick (&gt;75%): Yes</p> <p><b>Ground/Canopy Cover Explanation:</b>                  Area mostly covered with asphalt, with some areas of grass and ponderosa pines.</p>
--

<p><b>Slope at Area Impacted</b>   Flat (&lt;10%): Yes                     Gradual (10-30%): No                     Steep (&gt;30%): No</p> <p><b>Slope Explanation:</b>                  Decontamination facility located on mesa's edge.</p>
---

Run-off

<p><b>Is There Visible Evidence of Run-off Discharging from Site:</b>                  Yes</p>
--

**Surface Water Site Assessment**

PRS ID: 45-002

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> Area has been recontoured and PRS now covered with asphalt and grass. Sheet flow runoff over mesa edge into tributary channel.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon	
<b>Terminus Explanation</b> Sheet flow runoff from site terminates into tributary channel and into Acid Canyon.	

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b> None observed. Area stable with asphalt and mature canopy cover.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No	
<b>Structural Run-on Explanation:</b> No nearby structural impacts.	

**Surface Water Site Assessment**

PRS ID: 45-002

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> No run-on from upslope sources.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> No operational impact.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> Yes</p>
<p><b>Name of Assessment Author:</b> Steve Veenis</p>	<p><b>Assessment Date:</b> 11/12/1999</p>

## Surface Water Site Assessment

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PRS ID: 45-002

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Site originally evaluated on 10/07/1997, and was submitted to NMED on 1/7/98. Updated information required a re-evaluation of the site.

#### Best Management Practice Notes

**Are Permanent BMPs in Place:**

No

**Permanent BMPs in Place:**

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**Surface Water Site Assessment**

PRS ID: 45-002

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>27.6</b>

Revision of Earlier Assessment: Yes

\* No permanent BMPs are in place. Score could be lower with them.

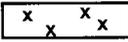
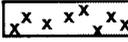
Surface Water Site Assessment

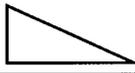
Site Information

Site ID: 1505	PRS ID: 45-003	Nearest Struct:
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Setting

<b>Topography</b> On Mesa Top: Yes   On Bench in Canyon: No   On Canyon Floor, Not Channel: No   In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Former industrial waste sewer lines associated with the TA-45 treatment facility. Currently used as skateboard park.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> PRS mostly under asphalt with some areas of grasses.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b> Waste line ran parallel with existing fence line. Area mostly flat with gentle slope towards the north.

Run-off

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
---

**Surface Water Site Assessment**

PRS ID: 45-003

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> Area has been recontoured and PRS now covered with asphalt and grass. Sheet flow runoff over mesa edge into tributary channel.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Sheet flow runoff from site terminates into tributary channel and into Acid Canyon.

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b> None observed. Area stable with asphalt and mature canopy cover.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b> No nearby structural impacts.

**Surface Water Site Assessment**

PRS ID: 45-003

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> No run-on from upslope sources.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> No operational impact.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> Yes</p>
<p><b>Name of Assessment Author:</b> Steve Veenis</p>	<p><b>Assessment Date:</b> 11/12/1999</p>

## Surface Water Site Assessment

PRS ID: 45-003

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Site originally evaluated on 9/16/1997, score (3.6). Updated information required a re-evaluation of the site.

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

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**Surface Water Site Assessment**

PRS ID: 45-003

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>27.6</b>

Revision of Earlier Assessment: Yes

\* No permanent BMPs are in place. Score could be lower with them.

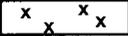
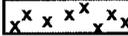
**Surface Water Site Assessment**

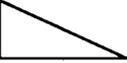
**Site Information**

Site ID: 2143	PRS ID: 45-004	Nearest Struct: 45-3
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**Setting**

<b>Topography</b> On Mesa Top: Yes   On Bench in Canyon: Yes   On Canyon Floor, Not Channel: No   In Channel in Canyon Floor: No
<b>Topography Explanation:</b> PRS is a drain line off of an old pump station, north of the county skateboard park. The PRS boundary includes the area north of the pump station as well as a small natural drainage that discharges into Acid Canyon. The drain pipe has been removed.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): Yes  Thick (>75%): No
<b>Ground/Canopy Cover Explanation:</b> Both ground and canopy exist, but do not provide total coverage of the area soils.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): Yes  Steep (>30%): No
<b>Slope Explanation:</b> Less than 10% between the pump station and natural drainage. 10% to 30% within the natural drainage.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
---

**Surface Water Site Assessment**

PRS ID: 45-004

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b> Sheet flow runoff from the site directly into drainage channel.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Runoff terminates into tributary channel and into Acid Canyon.

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Sheet Flow
<b>Erosion Explanation:</b> No erosional features, but sheet flow erosion can be inferred from the evidence of flow at site.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b> Skateboard park parking lot slopes away from site.

**Surface Water Site Assessment**

PRS ID: 45-004

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> Yes</p>
<p><b>Natural Run-on Explanation:</b> A portion of the PRS boundary lies within a natural drainage area.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> No operational impact.</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> Yes</p>
---

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> Yes</p>
<p><b>Name of Assessment Author:</b> Steve Veenis</p>	<p><b>Assessment Date:</b> 11/12/1999</p>

## Surface Water Site Assessment

PRS ID: 45-004

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Site originally assessed on 9/16/1997, score (3.6). Updated information required a re-evaluation of the site. Erosion is occurring adjacent (west of) the PRS due to construction of the skateboard park.

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 45-004

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			4.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	6.5
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			2.2
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>50.2</b>

Revision of Earlier Assessment: Yes

\* No permanent BMPs are in place. Score could be lower with them.

Surface Water Site Assessment

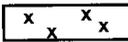
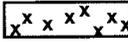
Site Information

Site ID: 2044	PRS ID: C-45-001	Nearest Struct:
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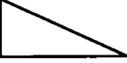
Setting

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: Yes

**Topography Explanation:**  
 Consolidated SWMU 45-001-00 which consists of former SWMUs 01-002(b)-00, 45-001, 45-002, 45-003, 45-004, and AOC C-45-001. These former SWMUs and AOC were associated with past wastewater treatment & disposal activities at TA-45. Radiological Addendum to the RFI for Potential Release. Sites 01-002, 45-001, 45-002, 45-003, 45-004, C-45-001. LA-UR#: 95-3692. RFI for PRSs 01-002, 45-001, 45-002, 45-003, 45-004, C-45-001. LA-UR#: 95-2077(95-1542). RFI Work Plan for Operable Unit 1079. LA-UR #:92-0850.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Upper area of site is known as the Skate Park and is located on mesa top. Here the vegetation is very sparse and mostly consists of barren soil.  
 From the southwest most area of site which runs from the mesa top to the northeast into the canyon floor consists of rocky terrain with Ponderosa Pines, Scrub Oaks, scattered grasses and forest litter.

**Slope at Area Impacted**  
 Flat (<10%): Yes     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Slope at impact area on mesa top is relatively flat and increases to greater than 30% into canyon.

Run-off

Is There Visible Evidence of Run-off Discharging from Site:  
 Yes

**Surface Water Site Assessment**

PRS ID: C-45-001

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Man-Made
<b>Channelization Explanation:</b> Run-off from site comes from culvert on the south west end of site along the N end and below Canyon Rd.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Terminus of run-on for this site is within Acid Canyon.

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Gully
<b>Erosion Explanation:</b> Erosion from run-off comes from culvert on the south west end of site along the N end and below Canyon Rd.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Canyon Road, Skate Park, and culver will all create run-on to site.

### Surface Water Site Assessment

PRS ID: C-45-001

#### Run-on (Continued)

Natural Run-on. Is Natural Drainage Creating Run-on to the Site: No
Natural Run-on Explanation: Natural slope of site will create run-on to site.

Current Operations Run-on. Are Current Operations Creating Run-on to the Site: Yes
Current Operations Run-on Explanation: Hydrand located on the mesa top at the south east end of site will creat run-on to site.

#### Assessment Finding

Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist: Yes
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#### Sign Off

Site Not Found: No	Revision of Earlier Assessment: No
Name of Assessment Author: Heather Voss	Assessment Date: 04/06/2005

## Surface Water Site Assessment

PRS ID: C-45-001

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation: Minor trash and debris exists on the mesa top portion of site.	

#### General Notes

**Assessment Comments:**

Silt fencing, rock check dam, jute matting, and straw wattles exist throughout site.

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

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Surface Water Site Assessment

PRS ID: C-45-001

Erosion Matrix

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			17.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			22.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			4.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>93.5</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

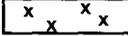
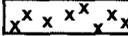
**Surface Water Site Assessment**

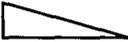
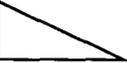
**Site Information**

Site ID: 957	PRS ID: 73-001(a)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: Yes    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Site of former town and laboratory landfill. Located between Pueblo Canyon and airport runway. Landfill debris also found off edge of cliff in drainages discharging into Pueblo Canyon.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): Yes  Thick (>75%): No
<b>Ground/Canopy Cover Explanation:</b> Ground cover on mesa is well vegetated, debris exposed on mesa edge.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): Yes
<b>Slope Explanation:</b> Cliff below landfill is shear, with visible debris below site.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
---

**Surface Water Site Assessment**

PRS ID: 73-001(a)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Man-Made
<b>Channelization Explanation:</b> Manmade channel extending from storm drain at edge of runway to edge of Pueblo Canyon.	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Sheet flow and minor/severe channelization evident across entire landfill site. Termination of runoff is Pueblo Canyon.

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Gully
<b>Erosion Explanation:</b> Rill erosion between perimeter fence and canyon edge. Severe gully erosion occurring in the central east facing lobe of landfill.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Storm drains conveying run-off from airport runway.

**Surface Water Site Assessment**

PRS ID: 73-001(a)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b></p> <p>No</p>
<p><b>Natural Run-on Explanation:</b></p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b></p> <p>No</p>
<p><b>Current Operations Run-on Explanation:</b></p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b></p> <p>Yes</p>
--

**Sign Off**

<p><b>Site Not Found:</b></p> <p>No</p>	<p><b>Revision of Earlier Assessment:</b></p> <p>Yes</p>
<p><b>Name of Assessment Author:</b></p> <p>Terrill Lemke</p>	<p><b>Assessment Date:</b></p> <p>03/13/1998</p>

## Surface Water Site Assessment

PRS ID: 73-001(a)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: Yes
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

The site was re-evaluated due to SWAT recommendation. The entire PRS boundary is large and was not captured in the original assessment completed on 10/15/97 (score 50.8). This procedure usually does not work well on large geographical areas.

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-001(a)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			13.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			22.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>85.5</b>

Revision of Earlier Assessment: Yes

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 1790	PRS ID: 73-004(d)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Septic system that served the landfill office located east of the present airport terminal building and within the footprint of PRS 73-001(a). A 4 in. diameter vitrified-clay pipe (VCP) connected the building's toilet to the septic tank located about 20 ft northeast of the building. The building and septic tank were removed as part of the decommissioning operation in the early 1970s.

<b>Ground/Canopy Cover</b> <input type="checkbox"/> Sparse (<25%): No <input checked="" type="checkbox"/> Medium (25-75%): Yes <input type="checkbox"/> Thick (>75%): No
<b>Ground/Canopy Cover Explanation:</b> Ground cover on mesa is well vegetated, debris exposed on mesa edge.

<b>Slope at Area Impacted</b> <input checked="" type="checkbox"/> Flat (<10%): Yes <input type="checkbox"/> Gradual (10-30%): No <input type="checkbox"/> Steep (>30%): Yes
<b>Slope Explanation:</b> Cliff below landfill is shear, with visible debris below site.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> Yes
---

**Surface Water Site Assessment**

PRS ID: 73-004(d)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> Yes	<b>Channel Type:</b> Man-Made
<b>Channelization Explanation:</b> Manmade channel extending from storm drain at edge of runw ay to edge of Pueblo Canyon. Runoff from PRS is sheetflow	

<b>Where Does Evidence of Runoff Terminate:</b> Drainage/Canyon
<b>Terminus Explanation</b> Sheet flow and minor channelization evident across entire landfill site. Termination of runoff is Pueblo Canyon.

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Sheet Flow
<b>Erosion Explanation:</b> Sheet erosion inferred due to runoff evidence from area.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b> Run-on diversion trench intercepts runon to site.

**Surface Water Site Assessment**

PRS ID: 73-004(d)

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No</p>
<p><b>Natural Run-on Explanation:</b> No natural drainage due to trench.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No</p>
<p><b>Current Operations Run-on Explanation:</b> No operational impacts</p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No</p>
--

**Sign Off**

<p><b>Site Not Found:</b> No</p>	<p><b>Revision of Earlier Assessment:</b> No</p>
<p><b>Name of Assessment Author:</b> Steve Veenis</p>	<p><b>Assessment Date:</b> 10/15/1997</p>

## Surface Water Site Assessment

PRS ID: 73-004(d)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: Yes
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Evidence of erosion exists.

Metal, paper and asphalt located in and around drainage channel near perimeter fence. Additional debris scattered around site (tires, sheet metal, concrete, rebar, misc. debris).

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-004(d)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	19.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			2.2
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>46.7</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

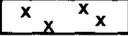
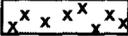
**Surface Water Site Assessment**

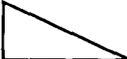
**Site Information**

Site ID: 958	PRS ID: 73-001(b)	Nearest Struct:
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**Setting**

<b>Topography</b>			
On Mesa Top: Yes	On Bench in Canyon: No	On Canyon Floor, Not Channel: No	In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Buried waste oil pit, approx. 100 ft. NE of airport runway.			

<b>Ground/Canopy Cover</b>		
 Sparse (<25%): No	 Medium (25-75%): No	 Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Vegetation is well established consisting of native grasses, forb and shrubs. Some juniper surround site.		

<b>Slope at Area Impacted</b>		
 Flat (<10%): No	 Gradual (10-30%): No	 Steep (>30%): Yes
<b>Slope Explanation:</b> Where PRS was to be located is on a slope greater than 30%, sloping to the north.		

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

## Surface Water Site Assessment

PRS ID: 73-001(b)

### Run-off (Continued)

Is Run-off Channelized: No	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion: No	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Runway will cause run-on, but vegetation is well established that erosion potential is minor if any.

# Surface Water Site Assessment

PRS ID: 73-001(b)

## Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

## Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

## Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Jacinto Garduno	<b>Assessment Date:</b> 07/24/2001



**Surface Water Site Assessment**

PRS ID: 73-001(b)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>22.3</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

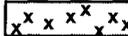
**Surface Water Site Assessment**

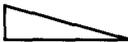
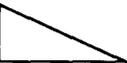
**Site Information**

Site ID: 959	PRS ID: 73-001(c)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Land Fill

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Where land fill was suppose to be in now part of the runw ay. Map insdicates that land fill is buried underneath the runw ay.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b> Runw ay is on level area.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

## Surface Water Site Assessment

PRS ID: 73-001(c)

### Run-off (Continued)

Is Run-off Channelized: No	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion: No	Erosion Type:
Erosion Explanation:	

### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: No
Structural Run-on Explanation:

## Surface Water Site Assessment

PRS ID: 73-001(c)

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Jacinto Garduno	<b>Assessment Date:</b> 07/24/2001

## Surface Water Site Assessment

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PRS ID: 73-001(c)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

#### Best Management Practice Notes

Are Permanent BMPs in Place: No	Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-001(c)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>3.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 960	PRS ID: 73-001(d)	Nearest Struct:
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> Land fill near NE corner of airport runw ay. Land fill w as tw o pits containing materials from old batch plant.

<b>Ground/Canopy Cover</b> <input type="checkbox"/> Sparse (<25%): No <input type="checkbox"/> Medium (25-75%): No <input checked="" type="checkbox"/> Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Vegetation is well established consisting of native grasses, forbs, and shrubs. Some junipers surround site.

<b>Slope at Area Impacted</b> <input type="checkbox"/> Flat (<10%): No <input type="checkbox"/> Gradual (10-30%): No <input checked="" type="checkbox"/> Steep (>30%): Yes
<b>Slope Explanation:</b> Land fill is on a slope greater than 30%, sloping to the north.

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

**Surface Water Site Assessment**

PRS ID: 73-001(d)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b>	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Runway will cause minor run-on, but site is well vegetated that erosion potential is minor if any.

# Surface Water Site Assessment

PRS ID: 73-001(d)

## Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

## Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

## Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Jacinto Garduno	<b>Assessment Date:</b> 07/24/2001

# Surface Water Site Assessment

PRS ID: 73-001(d)

## Additional Information

### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

### General Notes

Assessment Comments:

### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-001(d)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>22.3</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 961	PRS ID: 73-002	Nearest Struct: 73-2
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**Setting**

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: Yes    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 South side of Pueblo Canyon behind old incinerator building TA-73-2. PRS extends from edge of mesa top to small bench within canyon. Incinerator surface disposal.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Sparse vegetation. Primarily rock and debris from former incinerator activity.

**Slope at Area Impacted**  
 Flat (<10%): No     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Steep slope along side of canyon.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 Yes

**Surface Water Site Assessment**

PRS ID: 73-002

**Run-off (Continued)**

Is Run-off Channelized: No	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate: Canyon Bench
Terminus Explanation

Has Run-off Caused Visible Erosion: Yes	Erosion Type: Rill
Erosion Explanation: Rill from edge of mesa top extending half way to bench.	

**Run-on**

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Run-off from concrete pad behind Building TA-73-2.

**Surface Water Site Assessment**

PRS ID: 73-002

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b></p> <p>Yes</p>
<p><b>Natural Run-on Explanation:</b></p> <p>Sheet flow down surrounding slope.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b></p> <p>No</p>
<p><b>Current Operations Run-on Explanation:</b></p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b></p> <p>No</p>
---

**Sign Off**

<p><b>Site Not Found:</b></p> <p>No</p>	<p><b>Revision of Earlier Assessment:</b></p> <p>No</p>
<p><b>Name of Assessment Author:</b></p> <p>Terrill Lemke</p>	<p><b>Assessment Date:</b></p> <p>10/15/1997</p>

## Surface Water Site Assessment

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PRS ID: 73-002

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: Yes
Trash and Debris Explanation:	

#### General Notes

**Assessment Comments:**

Steep slope with bare soil at edge of mesa top. Evidence of erosion exists.  
Site is covered with ash and rusted cans deposited into canyon from incinerator activity.

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-002

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			4.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	9.5
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			11.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>56.0</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

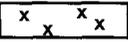
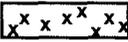
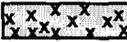
## Surface Water Site Assessment

### Site Information

<b>Site ID:</b>	<b>PRS ID:</b>	<b>Nearest Struct:</b>
962	73-003	

### Setting

<b>Topography</b>			
On Mesa Top: Yes	On Bench in Canyon: No	On Canyon Floor, Not Channel: No	In Channel in Canyon Floor: No
<b>Topography Explanation:</b>			
In parking lot adjacent to airport runway, south side of Pueblo Canyon. Former garbage truck, dumpster, and can clean-up area.			

<b>Ground/Canopy Cover</b>		
 Sparse (<25%): No	 Medium (25-75%): No	 Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b>		
Area covered with asphalt.		

<b>Slope at Area Impacted</b>		
 Flat (<10%): Yes	 Gradual (10-30%): No	 Steep (>30%): No
<b>Slope Explanation:</b>		

### Run-off

<b>Is There Visible Evidence of Run-off Discharging from Site:</b>
No

**Surface Water Site Assessment**

PRS ID: 73-003

**Run-off (Continued)**

Is Run-off Channelized: No	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion: No	Erosion Type:
Erosion Explanation:	

**Run-on**

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Run-off from adjacent asphalt areas.

## Surface Water Site Assessment

PRS ID: 73-003

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
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### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Terrill Lemke	<b>Assessment Date:</b> 10/15/1997

## Surface Water Site Assessment

PRS ID: 73-003

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-003

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

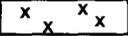
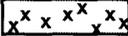
**Surface Water Site Assessment**

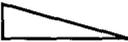
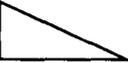
**Site Information**

Site ID: 963	PRS ID: 73-004(a)	Nearest Struct: 73-2
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> South side of Pueblo canyon behind incinerator building TA-73-2. Site of old septic tank.

<b>Ground/Canopy Cover</b>  Sparse (<25%): No  Medium (25-75%): No  Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Area covered with jute matting and ground cover.

<b>Slope at Area Impacted</b>  Flat (<10%): Yes  Gradual (10-30%): No  Steep (>30%): No
<b>Slope Explanation:</b>

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

**Surface Water Site Assessment**

PRS ID: 73-004(a)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b>	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> No
<b>Structural Run-on Explanation:</b>

## Surface Water Site Assessment

PRS ID: 73-004(a)

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Terrill Lemke	<b>Assessment Date:</b> 10/15/1997

## Surface Water Site Assessment

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PRS ID: 73-004(a)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

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#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

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**Surface Water Site Assessment**

PRS ID: 73-004(a)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>3.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 1788	PRS ID: 73-004(b)	Nearest Struct: 73-2
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**Setting**

<b>Topography</b> On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No
<b>Topography Explanation:</b> In parking lot between airport runway and Pueblo Canyon. Site of former septic tank.

<b>Ground/Canopy Cover</b> <input type="checkbox"/> Sparse (<25%): No <input type="checkbox"/> Medium (25-75%): No <input checked="" type="checkbox"/> Thick (>75%): Yes
<b>Ground/Canopy Cover Explanation:</b> Area covered with asphalt.

<b>Slope at Area Impacted</b> <input checked="" type="checkbox"/> Flat (<10%): Yes <input type="checkbox"/> Gradual (10-30%): No <input type="checkbox"/> Steep (>30%): No
<b>Slope Explanation:</b>

**Run-off**

<b>Is There Visible Evidence of Run-off Discharging from Site:</b> No
--

**Surface Water Site Assessment**

PRS ID: 73-004(b)

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b>	

<b>Where Does Evidence of Runoff Terminate:</b>
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> No	<b>Erosion Type:</b>
<b>Erosion Explanation:</b>	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Run-off from adjacent asphalt.

## Surface Water Site Assessment

PRS ID: 73-004(b)

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>   

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>   

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
--

### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Terrill Lemke	<b>Assessment Date:</b> 10/15/1997

# Surface Water Site Assessment

PRS ID: 73-004(b)

## Additional Information

### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

### General Notes

Assessment Comments:

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### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

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**Surface Water Site Assessment**

PRS ID: 73-004(b)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

**Surface Water Site Assessment**

**Site Information**

Site ID: 1792	PRS ID: 73-006	Nearest Struct: 73-2
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**Setting**

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: Yes    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 South side of Pueblo Canyon behind old incinerator building TA-73-2. PRS extends from edge of mesa top to small bench within canyon. Incinerator surface disposal.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): Yes     Thick (>75%): No

**Ground/Canopy Cover Explanation:**  
 Sparse vegetation. Primarily rock and debris from former incinerator activity.

**Slope at Area Impacted**  
 Flat (<10%): No     Gradual (10-30%): No     Steep (>30%): Yes

**Slope Explanation:**  
 Steep slope along side of canyon.

**Run-off**

**Is There Visible Evidence of Run-off Discharging from Site:**  
 Yes

**Surface Water Site Assessment**

PRS ID: 73-006

**Run-off (Continued)**

<b>Is Run-off Channelized:</b> No	<b>Channel Type:</b>
<b>Channelization Explanation:</b>	

<b>Where Does Evidence of Runoff Terminate:</b> Canyon Bench
<b>Terminus Explanation</b>

<b>Has Run-off Caused Visible Erosion:</b> Yes	<b>Erosion Type:</b> Rill
<b>Erosion Explanation:</b> Rill from edge of mesa top extending half way to bench.	

**Run-on**

<b>Structural Run On. Are Structures Creating Run-on to the Site:</b> Yes
<b>Structural Run-on Explanation:</b> Run-off from concrete pad behind Building TA-73-2.

**Surface Water Site Assessment**

PRS ID: 73-006

**Run-on (Continued)**

<p><b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b></p> <p>Yes</p>
<p><b>Natural Run-on Explanation:</b></p> <p>Sheet flow down surrounding slope.</p>

<p><b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b></p> <p>No</p>
<p><b>Current Operations Run-on Explanation:</b></p>

**Assessment Finding**

<p><b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b></p> <p>No</p>
---

**Sign Off**

<p><b>Site Not Found:</b></p> <p>No</p>	<p><b>Revision of Earlier Assessment:</b></p> <p>No</p>
<p><b>Name of Assessment Author:</b></p> <p>Terrill Lemke</p>	<p><b>Assessment Date:</b></p> <p>10/15/1997</p>

# Surface Water Site Assessment

PRS ID: 73-006

## Additional Information

### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: Yes	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

### General Notes

**Assessment Comments:**

Steep slope with bare soil at edge of mesa top. Evidence of erosion exists.  
Site is covered with ash and rusted cans deposited into canyon from incinerator activity.

### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-006

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			4.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	6.5
Slope at Area Impacted:	13	<10%	10-30%	>30%	13.0
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			5.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	9.5
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			11.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>56.0</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

Surface Water Site Assessment

Site Information

Site ID: 1789	PRS ID: 73-004(c)	Nearest Struct:
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Setting

**Topography**  
 On Mesa Top: Yes    On Bench in Canyon: No    On Canyon Floor, Not Channel: No    In Channel in Canyon Floor: No

**Topography Explanation:**  
 Site of former septic tank, under concrete pad (airplane parking area) adjacent to airport runway, south side of Pueblo Canyon.

**Ground/Canopy Cover**  
 Sparse (<25%): No     Medium (25-75%): No     Thick (>75%): Yes

**Ground/Canopy Cover Explanation:**  
 Area covered with concrete.

**Slope at Area Impacted**  
 Flat (<10%): Yes     Gradual (10-30%): No     Steep (>30%): No

**Slope Explanation:**

Run-off

**Is There Visible Evidence of Run-off Discharging from Site:**  
 No

### Surface Water Site Assessment

PRS ID: 73-004(c)

#### Run-off (Continued)

Is Run-off Channelized: No	Channel Type:
Channelization Explanation:	

Where Does Evidence of Runoff Terminate:
Terminus Explanation

Has Run-off Caused Visible Erosion: No	Erosion Type:
Erosion Explanation:	

#### Run-on

Structural Run On. Are Structures Creating Run-on to the Site: Yes
Structural Run-on Explanation: Run-on from adjacent concrete areas.

# Surface Water Site Assessment

PRS ID: 73-004(c)

### Run-on (Continued)

<b>Natural Run-on. Is Natural Drainage Creating Run-on to the Site:</b> No
<b>Natural Run-on Explanation:</b>

<b>Current Operations Run-on. Are Current Operations Creating Run-on to the Site:</b> No
<b>Current Operations Run-on Explanation:</b>

### Assessment Finding

<b>Based on the Above Criteria and the Assessment of this Site, Does Soil Erosion Potential Exist:</b> No
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### Sign Off

<b>Site Not Found:</b> No	<b>Revision of Earlier Assessment:</b> No
<b>Name of Assessment Author:</b> Terrill Lemke	<b>Assessment Date:</b> 10/15/1997

## Surface Water Site Assessment

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PRS ID: 73-004(c)

### Additional Information

#### Trash and Debris Notes

Is there Visible Trash and Debris on the Site: No	Is there Visible Trash and Debris In a Watercourse: No
Trash and Debris Explanation:	

#### General Notes

Assessment Comments:

#### Best Management Practice Notes

Are Permanent BMPs in Place:

No

Permanent BMPs in Place:

Permanent BMPs in Place:
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**Surface Water Site Assessment**

PRS ID: 73-004(c)

**Erosion Matrix**

Erosion/Sediment Transport Potential Scoring Criteria	Max Score Poss	Score Modifiers for Transport Potential			Resulting Score
		Low (max * 0.1)	Med (max * 0.5)	High (max * 1.0)	
<b>Setting Group (Max Total 43)</b>					
Topography - On Mesa Top:	1	For these four criteria, use the single highest score from the criteria that received a "Yes" answer.			1.0
Topography - On Bench in Canyon:	4				
Topography - On Canyon Floor, Not in Channel:	13				
Topography - In Channel in Canyon Floor:	17				
Ground/Canopy Cover (Percent):	13	>75%	25-75%	<25%	1.3
Slope at Area Impacted:	13	<10%	10-30%	>30%	1.3
<b>Run-off Group (Max Total 46)</b>					
Visible Evidence of Run-off:	5	"Yes" = 5. "No" = 0 here and for two scores below.			0.0
Where Run-off Terminates:	19	"Other"	"Bench"	"Drainage/Canyon"	0.0
Visible Erosion:		"No" = 0. If "Yes", score by Erosion Type.			0.0
Erosion Type:	22	"Sheet"	"Rill"	"Gully"	
<b>Run-on Group (Max Total 11)</b>					
Structural Run-on:	7	"No" = 0. "Yes" = 7.			7.0
Natural Run-on:	7	"No" = 0. "Yes" = 7.			0.0
Current Operations Run-on:	4	"No" = 0. "Yes" = 4.			0.0
<b>Maximum Possible Total Score:</b>	<b>100</b>	<b>* Actual Total Score:</b>			<b>10.6</b>

Revision of Earlier Assessment: No

\* No permanent BMPs are in place. Score could be lower with them.

