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Date: Mon, 19 Jun 2000 15:06:22 -0600
To: Ralph Ford-Schmid <Ralph_FordSchmid@nmenv.state.nm.us>
From: John McCann <jmccann@lanl.gov>
Subject: Re: List of PRSSs needing BMPs
Cc: lwoodworth@doe.al.gov

TA 00

Hi Ralph -

Here is a copy of the table listing the PRSSs requiring BMPs after the fire.
I think we will be able to stay real busy tomorrow. Thanks for your help -

John

Attachment Converted: "c:\program files\eudora\attach\BMPs Post Fire.xls"

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- o any excavations - coordination
- o hot spot removal in canyon bottoms
- canyons are on permit
- o runoff - runoff



7498

**Post Cerro Grande Fire
SWMUs Requiring BMP Installation**

#	Site Description	PRs Affected	Recommendations	ER Team Leader & FMU	Proposed Contractor	Site Visit Date	Original Duration	Actual Start Date	Date Installed	Watershed
1	MDA-R	16-019	1) Smoldering fire must be extinguished. 2) Flow dissipation within drainage channels along slope must be installed or replaced. 3) Run-on controls needed in main drainage coming from roof drains of building 16-260 and along the entire mesa edge above site. 4) Provide sediment retention at toe of slope (i.e., fallen trees, riprap, jersey barriers) to reduce impact to canyon. 5) Removal of exposed debris should be performed asap.	Don Hickmott 70	Weston					Canon de Valle
2	TA-11 Drop Tower	11-004(a-f) 11-006(a-d)	1) Install log check dams in all main drainages surrounding Drop Tower. 2) Sediment retention structures are needed in lower portions of the drainages. 3) Reseeding and mulch or jute matting should be provided on exposed slopes around Drop Tower to reduce erosion impact.	Don Hickmott 70	JCNM and IT Corp	5/22/2000	2 days	5/24/2000	5/26/2000	S-Site Canyon
3	R-44 Inactive Firing Site	15-006(c) & 15-008(b)	1) Remove exposed debris around the entire area. 2) Replace run-on diversion controls at mesa edge. 3) Reseed slope and adjacent areas (aerial, hydromulch and/or manually). 4) Provide straw wattles on slopes to dissipate runoff. 5) Provide sediment controls at toe of slope above Threemile Canyon.	John McCann 67	JCNM and IT Corp					Threemile Canyon
4	R-45 Inactive Firing Site	15-006(d) & 15-008(g)	1) Reseed slope and adjacent areas (aerial, hydromulch and/or manually). 2) Provide straw wattles on slopes to dissipate runoff. 3) Provide sediment controls at toe of slope above Threemile Canyon.	John McCann 67	JCNM and IT Corp					Threemile Canyon

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#	Site Description	PRs Affected	Recommendations	ER Team Leader & FMU	Proposed Contractor	Site Visit Date	Original Duration	Actual Start Date	Date Installed	Watershed
5	TA-46 Canada del Buey	TA-46 North PRS 46-004(f,g,h,m,q,r,s,t,u,v,w,x,y,z,a2,b2,c2)	1) Contour tree falling, earthen berm for sediment retention at toe of slope, 2) Raking, reseeding and mulching throughout slope (aerial, hydromulch and/or manually). 3) Run-on diversion at mesa edge and at end-of-pipe for active storm drains discharging onto slope.	Gabriela Lopez-Escobed 80	JCNM and IT Corp	6/20/2000	1 week			Canada del Buey
6	TA-15 Hollow Site	15-011(a-c), 15-014(i-k), C-15-007 & C-15-010	1) Provide run-on diversion away from the main drainage channel if possible. 2) Provide flow dissipation in channel and sediment retention at bottom of drainage. 3) Jute matting should be provided on all exposed slopes along the drainage.	John McCann 67	JCNM and MK					Canon de Valle
7	TA-40 Land Disposal Site	40-009	1) Complete earthen berm located above debris pile on slope to address run-on concerns. 2) The western most drainage needs flow dissipation controls. 3) Sediment retention is needed on bench located below SWMU.	Don Hickmott 67	JCNM and MK					Pajarito Canyon
8	TA-5 Inactive Firing Site	5-003 & 5-004	1) Run-on diversion and flow dissipation needed within all drainages. 2) Raking, reseeding and mulching is needed over most of the area. 3) Tree falling may be required in some areas.	Gabriela Lopez-Escobed 80	JCNM and LATA					Mortandad Canyon
9	Near Outfall Area	C-36-003	1) Area near outfall needs stabilized with flow dissipation controls. 2) The burn exposed a surface disposal area adjacent to the outfall. Misc. debris was observed throughout slope. Debris should be removed.	John McCann 67	JCNM and MK					Threemile Canyon
10	Surface Disposal Area	14-009	1) All existing controls were destroyed. Replace run-on controls at behind building 14-43. 2) The drainage needs flow dissipation and sediment retention controls.	John McCann 67	MK					Canon de Valle

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#	Site Description	PRs Affected	Recommendations	ER Team Leader & FMU	Proposed Contractor	Site Visit Date	Original Duration	Actual Start Date	Date Installed	Watershed
11	Sump/Firing Chamber	14-002(a), 14-010	1) All existing controls were destroyed. Replace run-on controls at behind building 14-43. 2) The drainage needs flow dissipation and sediment retention controls.	John McCann 67	MK					Canon de Valle
12	MDA-P	16-018 16-016(c)	1) All sediment retention controls that were destroyed must be replaced. 2) Jute matting should be installed on exposed slopes to reduce erosion impact.	Ken Bostick 70	Weston	5/29/2000	2 days	5/29/2000	5/31/2000	Canon de Valle
13	3-260 Outfall	16-021(c)	1) Installation of rock check dams within the drainage to replace the straw barriers that were destroyed. 2) Sediment retention controls should be provided in the lower drainage above Canon de Valle.	Don Hickmott 70	IT Corp					Canon de Valle
14	MDA-M	09-013	1) All run-on controls and silt fencing were destroyed. 2) Run-on diversion, sediment retention and flow dissipation should be installed. 3) Raking, reseeding and mulching are needed in the surrounding areas which were severely burned.	Don Hickmott 67	MK					Starmers
15	Former TA-5 Buildings	5-005(a)	1) Sediment retention and flow dissipation needed within all drainages. 2) Raking, reseeding and mulching is needed over most of the area.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
16	Former TA-5 Buildings	5-006(a,e)	1) Sediment retention and flow dissipation needed within all drainages. 2) Raking, reseeding and mulching is needed over most of the area.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
17	TA-5 Inactive Firing Site	5-001(a-b)	1) Sediment retention and flow dissipation needed within all drainages. 2) Raking, reseeding and mulching is needed over most of the area.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
18	Inactive NPDES Outfalls	48-007(b)	1) Run-on diversion at mesa edge and at end-of-pipe for active storm drains discharging onto slope. 2) Straw wattles on slope to dissipate flow.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon

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19	Inactive NPDES Outfalls	48-007(f)	1) Run-on diversion at mesa edge and at end-of-pipe for active storm drains discharging onto slope. 2) Straw wattles on slope to dissipate flow.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
20	Inactive NPDES Outfalls	48-003	1) Run-on diversion at mesa edge and at end-of-pipe for active storm drains discharging onto slope. 2) Straw wattles on slope to dissipate flow.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
21	TA-42 Land Disposal Site	42-004	1) Provide straw wattles on slope to dissipate flow. 2) Sediment retention at toe of slope should be provided.	Gabriela Lopez-Escobed 80	LATA					Effluent Canyon
22	Inactive Firing Pad	14-002 (c,d,e)	1) Drainages are moderately burned through TA 14. Flow dissipation and sediment retention is recommended in all drainages.	John McCann 67	MK					Canon de Valle
23	Drainage from Sump	14-006	1) Drainages are moderately burned through TA 14. Flow dissipation and sediment retention is recommended in all drainages.	John McCann 67	MK					Canon de Valle
24	Below MDA AB	49-001(g)	1) Drainages are moderately burned below MDA AB. Flow dissipation and sediment retention is recommended in all drainages.	John Hopkins 81	MK	6/14/2000	1 week	6/14/2000		Water Canyon
25	Outfall	16-020	1) Straw barriers were destroyed. Rock check dams remain in place and are effective. 2) Spot reseeding may be needed.	Don Hickmott 70	IT Corp					Canon de Valle
26	Former Outfall	22-015(c)	1) Entire outfall area was burned moderately. Raking, reseeding and mulch are needed throughout the area.	Don Hickmott 67	MK					Pajarito Canyon
27	Former TA-4 Buildings	4-001, 4-002 & 4-003(b)	1) Entire area was lightly burned. Spot raking, reseeding and mulch may be needed.	Gabriela Lopez-Escobed 80	LATA					Mortandad Canyon
28	MDA Z	15-007(b)	1) Entire area was lightly burned. Spot raking, reseeding and mulch may be needed.	John McCann 67	MK					Canon de Valle
29	Active Firing Site	40-006(a-c)	1) Entire area was lightly burned. Spot raking, reseeding and mulch may be needed.	Don Hickmott 67	MK					Pajarito Canyon
30	Former WWTF Area TA-9	9-009	1) Entire area burned lightly/moderately. Spot raking, reseeding and mulch may be needed.	Don Hickmott 67	MK					Ladelfe

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31	Former Outfall	9-004(a,n,o)	1) Entire area burned lightly/moderately. Spot raking, reseeding and mulch may be needed.	Don Hickmott 67	MK					Ladelfe
32	Septic/Outfall	6-007(g)	1) Erosional feature bisects PRS boundary. Area lightly burned. Flow dissipation and diversion would reduce impact downstream	Don Hickmott 70	MK					Twomile Canyon
33	Fish Ladder	16-003(n, o)	1) Top of mesa burned moderately. Straw barriers within channel destroyed and must be replaced	Don Hickmott 70	IT Corp					Canon de Valle
34	16-360 Drainage	16-026(h2)	1) Top of mesa burned moderately. Straw/brush barriers within channel destroyed and must be replaced	Don Hickmott 70	IT Corp					Water Canyon
35	16-410 Outfall	16-003(a)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
36	16-370	16-028(b)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
37	300 Line Outfall	16-003(f)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
38	Burn Grounds	16-028(a)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
39	16-430 Outfall	16-030(h)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
40	16-450 WETF Outfall	16-029(g)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
41	SWWTP Outfall	16-004(f)	1) Flow dissipation and sediment retention are needed within outfall drainage	Don Hickmott 70	IT Corp					Water Canyon
42	Landfill	40-010	1) Need SOP 2.01 assessment. BMPs will be recommended at that time.	Don Hickmott 67	MK					Pajarito Canyon