

85-17



U.S. BUREAU OF RECLAMATION
WESTERN COLORADO AREA OFFICE
835 EAST SECOND AVENUE, SUITE 300
DURANGO CO 81301
(970) 385-6500

To: John Whipple No. of Pages 4 including cover

Fax No. 305-827-6188 Confirmation No. _____

Message: John, Attached is a copy of our
current NGSFP construction schedule. The start
date can be any but it will take 11 years to complete.
Also attached is a table showing the San 2009
project construction cost estimate. Good job
keeping the negotiations together and getting
it done. John Page

From: Rege Leach

Phone: 970-385-6553

Fax No. 970-385-6539

Date: 6-16-04

Time: 10:30 Am

The mission of the Western Colorado Area Office is to manage, develop, and protect water and related resources of Western Colorado, Northern New Mexico and Northern Arizona in an environmentally and economically sound manner in the interest of the American public.

Navajo-Gallup Water Supply Project

January 2004 Project Cost Estimate

Facility Construction	\$570,000,000
<ul style="list-style-type: none"> • 267 miles of pipeline • 24 pumping plants • 40 MGD and 6MGD water treatment plants • 25 water storage tanks and booster pumps • 120 miles of power transmission lines and 1 substation • Complete communication and operation system 	
Cultural Resource Mitigation	\$9,800,000
Fish and Wildlife Mitigation	\$4,300,000
<u>Land, ROW, and Relocations</u>	<u>\$5,500,000</u>
Total	\$589,600,000

Note: These costs include 25% contingency, 15 to 30% non-contract costs, and 6% NM and 3% Navajo gross receipts tax.

BOAFCO PRIMAVERA PROJECT PLANNER

REPORT DATE 20MAY04 RUN NO. 99 COST LOADING REPORT

NGMSP Constrained

START DATE 02JAN06

FIN DATE 09AUG17

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DATA DATE 02JAN06

TOTAL USAGE FOR YEAR

PAGE NO. 1

ACT ID	DESC	TOTAL	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
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NGMSP Project

CR110	Gallup Regional Cultural Resources	480000	372588	117412	20316									
CR120	San Juan Cultural Resources	7546000	509054	7626664	264946									
FW100	Other F&W	774000	141404	73896										
FW110	Gallup Regional F&W	215000		3294445										
FW120	San Juan F&W	3311000			18656									
LR110	San Juan Right of Way	4235000	1387328	2103697	738286									
TOTAL	0	15971000	2416574	13386970	775157									

Culter Lateral

CR100	Culter Cultural Resource	1764000	1341319	422882										
LR100	Other Lateral Right of Way	890000	324310	489103	172666									
PLC100	Other Pipeline Investigations	1618033	1463739	122284										
PLC110	Culter Pipeline Design	3232066		1597709	1234357									
PLC120	Culter Pipeline Construction Phase 1	34577272			7607000		28970274							
PLC125	Culter Pipeline Construction Phase 2	6500000												6500000
PPC100	Culter Relet PP Investigation	327034	327034											
PPC110	Culter Relet PP Design	664083	654083											
PPC120	Culter Relet PP Construction	8110375		605281			2865628		5244847					
SPPC100	Culter Service Taps (Tank, PP) Investigations	505281												
SPPC110	Culter Service Taps Design	1010583		1010583										
SPPC120	Culter Service Taps Construction	12500975			4427398		8105572							
TOTAL	1	70817866	5659306	3038789	16308893	40318695	6500000							

Twinl akas WindowRock

PLTR120	Twinl akas Gallup Pipeline Construction	14477796												
PLWR100	Window Rock Pipeline Construction	11174188												14417796
PLWR115	Window Rock PP 8, 9, & 10 Investigations	322719	322719											11174188
PLWR120	Window Rock PP 8, 9 & 10 Design	846438	274497											
PLWR130	Window Rock PP 8, 9 & 10 Construction	8003445												
TOTAL	2	34033576	597216	370841										368

Culter Power

PTLC100	Other Power Line Investigation	671082	671082											
PTLC110	Other Power Line Design	1342123	210832											
PTLC120	Other Power Line Construction	16942326												
TOTAL	3	18655514	881894	1131292	2686728	13428637	527964							

San Juan Power

PTLSJ100	San Juan Power Investigation	726321	671966	64986										
PTLSJ110	San Juan Power design	1462642			1447076		6564							
PTLSJ120	San Juan Power Construction	18012768												18012768
TOTAL	4	2019730	671366	64986	1447076	5386								18012768

GallupRegional

LR130	Gallup Regional Right of Way	275000	87182	177838										
PLG100	Gallup Pipelines&PP&Character Investigations	1789500	1178328	620172										
PLG110	Gallup Pipelines&PP Design	2129313		1718390										
PLG120	Gallup Pipelines&PP Construction	6200561			4631170		572392							9524207
PLG125	Gallup Pipelines&PP Construction Phase 2	9624287												
SPPG100	Gallup Chapters Services PP&Trunks Design	1467588			1467588									
SPPG110	Gallup Chapters Services PP&Trunks Construction	5256520			4382082		883438							12843805
SPPG165	Gallup Chapters Services PP&Trunks Construction 2	12943906			3470578		428946							
STG120	Gallup Storage Tank Construction	3899526												
STG130	Gallup Storage Tank Construction 2	7137394												7137399
TOTAL	5	45634620	1216490	2516381	14342480	1834778	28605412							

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DATA DATE 02JAN05

TOTAL USAGE FOR YEAR

ACT ID	DESC	TOTAL	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
San Juan Lateral														
PLSJ100	San Juan Lateral Pipeline Investigations	8739108		6117374	2621732	7917319								
PLSJ110	San Juan Lateral Pipeline Design	12767462			4840143									
PLSJ120	San Juan Lateral Pipeline Reach 1 Construction	12000000						12000000						
PLSJ130	San Juan Lateral Pipeline Reach 2 Construction	37000000								37000000				
PLSJ140	San Juan Lateral Pipeline Reach 3 Construction	48000000									48000000			
PLSJ150	San Juan Lateral Pipeline Reach 4 Construction	50000000										50000000		
PLSJ160	San Juan Lateral Pipeline Reach 5 Construction	14191200											14191200	
SPPSJ100	San Juan Service Taps Design	4720760			3960195	780585								
SPPSJ105	San Juan Service Taps Reach 1 Construction	5544928							5544928					
SPPSJ110	San Juan Service Taps Reach 2 Construction	8913265								8913265				
SPPSJ1120	San Juan Service Taps Reach 3 Construction	6448758									6448758			
SPPSJ130	San Juan Service Taps Reach 4 Construction	6831174										6831174		
SPPSJ140	San Juan Service Taps Reach 5 Construction	34042896											34042896	
TOTAL		243948324		6117374	11422059	3677384			17640828	43875236	60446760	58831784	38508516	9728379

San Juan PP														
ACT ID	DESC	TOTAL	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
PP100	San Juan PP 1,2&3 Investigation	780625		780625										
PP110	San Juan PP 1,2&3 Design	1581230		788571	784579									
PP120	San Juan PP 1,2&3 Construction	19607600							9630864	9866024	7612			
PP100	San Juan PP 4,5 & 6 Investigations	488812		488812										
PP110	San Juan PP 4,5 & 6 Design	997625		760841	238994									
PP120	San Juan PP 4,5&6 Construction	12070550								6130769	6227412	2370		
PP110	San Juan PP 7, 11, 12 & 13 Investigations	289171		289171										
PP110	San Juan PP 7, 11, 12, & 13 Design	638344		410462	127882									
PP120	San Juan PP 7,11,12, &13 Construction	6075463												
TOTAL		43329340		3516282	1189546				9630864	16098783	3308319	3395896	1279	

San Juan WTP														
ACT ID	DESC	TOTAL	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
WTPSJ100	San Juan WTP Investigations	2628058		2628058										
WTPSJ110	San Juan WTP design	5262117		1428737	3823390									
WTPSJ120	San Juan WTP construction	65128276							32276184	32825142	24953			
TOTAL		73094448		4054795	3823390				32276184	32825142	24953			

Carter WTP														
ACT ID	DESC	TOTAL	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017
WTPC100	Carter WTP Investigations	627938		627938										
WTPC110	Carter WTP design	1083873		728188	10841307	2451619								
WTPC120	Carter WTP Construction	13092826			10641307	2451619								
TOTAL		14676635		895621	728188	2451619								

REPORT TOTAL 584150208 16403049 3480088 68780188 66777080 84916656 64368124 3989896 6000000 6000000 6000000 6000000 6000000 38508796 9728379