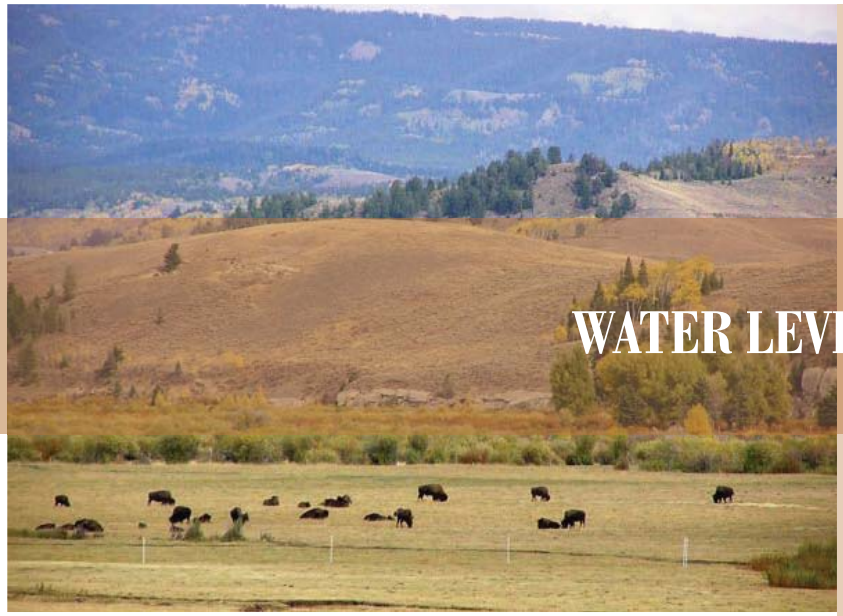
APPENDIX B



WATER LEVEL SUMMARY TABLES

APPENDIX B
WATER LEVEL SUMMARY TABLE
PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AD001	4725358.21	596382.61	6965	ND
AD002	4740411.80	594135.66	7081	ND
AD004	4740341.78	594101.82	7086	7060
AD005	4725314.81	597271.23	6925	6918
AD006	4740424.00	594101.86	7081	ND
AD007	4724353.34	595874.02	6906	6893
AD009	4725358.58	597236.83	6929	6911
AD014	4727718.07	602169.32	6968	6924
AD016	4722561.00	595289.50	6873	6866
AD018	4722143.00	595273.00	6870	ND
AD020	4721849.00	595310.00	6869	6860
AD021	4721785.00	595130.00	6868	6868
AD029	ND	ND	ND	ND
AD034	4746397.00	590362.00	7175	7166
AD035	4746465.38	590080.83	7182	7162
AD036	4746464.88	590137.26	7181	ND
AD037	4746470.48	590081.77	7182	7166
AD038	4746382.12	590055.42	7184	7169
AD039	4746370.17	590187.05	7181	7161
AD040	4745985.92	590261.96	7179	7156
AD041	4745996.81	590196.83	7179	7171
AD044	4745712.75	590846.77	7173	7127
AD048	4746452.19	589604.89	7188	ND
AD049	4746538.00	589743.00	7188	ND
AD050	4746483.00	589475.00	7189	ND
AD052	4746469.73	589783.44	7187	7178
AD053	4746469.00	589781.50	7187	7177
AD054	4746534.70	589748.96	7188	ND
AD056	4746476.97	589699.41	7188	7180
AD057	4745841.09	589647.42	7182	7127
AD058	4746481.78	589714.97	7188	7180

APPENDIX B
WATER LEVEL SUMMARY TABLE
PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AD060	4746064.65	588832.40	7202	7183
AD063	4745442.47	590797.41	7209	7152
AD084	4744593.95	591522.46	7155	7091
AD085	4744879.06	591797.57	7161	7150
AD086	4744462.75	592290.09	7153	7148
AD087	4744330.97	591869.42	7155	7144
AD089	4744088.10	592402.17	7144	7131
AD090	4743499.65	592245.49	7154	7136
AD091	4743573.14	592751.49	7124	7116
AD106	4740662.69	595922.61	7139	7126
AD108	ND	ND	ND	ND
AD115	4739408.61	597509.28	7102	7093
AD118	4740157.15	595914.23	7112	ND
AD119	4739976.19	595671.54	7104	7097
AD123	4739641.12	595206.69	7070	7066
AD134	4747250.62	590326.69	7195	7186
AD135	4746669.24	590714.61	7186	7178
AD136	4745842.59	590472.34	7187	7141
AD140	4746481.50	589840.50	7187	7175
AD141	ND	ND	ND	ND
AD142	4746539.00	589574.00	7190	7189
AD143	4746543.66	589768.41	7188	7182
AD145	4745877.28	589513.41	7185	7138
AD147	4746482.78	589922.59	7186	ND
AD150	4746558.50	589639.50	7190	7180
AD157	4746930.50	590752.50	7188	7179
AD192	4744161.33	592234.00	7145	7134
AD193	4722179.00	595832.00	6875	ND
AD195	4745478.00	588819.00	7227	7147
ADS003	4725932.50	600270.50	6895	6891
ADS004	4724391.00	598980.60	6892	6876
ADS007	4746537.95	589850.79	7187	ND

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
ADS008	4745867.64	589926.75	7181	7064
ADS011	4744032.46	591857.98	7160	7133
ADS012	4743511.37	591999.54	7158	7126
ADS015	4742305.95	594987.78	7148	7131
ADS016	4742190.36	594961.91	7147	7129
ADS017	4741079.95	595361.24	7146	7126
ADS018	4740276.34	596073.58	7129	ND
ADS026	4740033.74	595756.87	7105	7099
ADS027	4739722.47	595567.96	7091	ND
ADS029	4743918.89	592541.47	7139	7129
ADS030	4727058.46	599997.87	6947	6943
ADS035	4746521.00	589390.00	7191	7183
ADSM001	4746561.85	589768.01	7187	7178
AMI005	4714841.04	605688.04	7269	6949
AMI006	ND	ND	ND	ND
AMI007	4734334.00	593639.00	7479	6961
AMI008	4711943.29	608519.68	7400	6973
AMI009	4719499.45	604013.14	7045	6971
AMI010	4724792.46	602671.35	7024	6935
AMI011	4709611.67	610234.00	7276	6952
AMI012	4721145.33	600871.00	7009	6963
AMI013	4739940.52	592097.31	7219	7012
AMI014	4732386.00	596163.50	7450	6978
AMI015	4702192.00	616002.00	7147	ND
AMI016	4743542.75	590812.97	7311	7175
AMI017	4706866.35	614636.47	7179	6965
AMI018	4702144.02	617960.78	7129	6953
AMI019	4737141.00	593450.33	7507	6992
AMI020	4740740.26	593702.44	7108	7073
AMI023	4741631.83	592811.81	7134	7092
AMI025	4742707.93	591672.54	7187	7098
AMI026	4721647.79	599787.71	6999	6957

APPENDIX B
WATER LEVEL SUMMARY TABLE
PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AMI027	4732419.25	593166.25	7413	ND
AMI028	4737436.33	592152.00	7528	6999
AMI029	4736017.00	592745.50	7508	6987
AMI030	4741351.41	590174.14	7368	7039
AMI031	4738782.31	591251.36	7518	ND
AMI032	4731607.07	595601.52	7424	6940
AMI033	4708010.91	615774.27	7256	6984
AMI034	4707304.31	614170.75	7197	6988
AMI035	4706007.67	614631.54	7212	ND
AMI036	4740955.25	595341.66	7137	7103
AMI037	4709188.37	611363.71	7343	6942
AMI038	4711721.00	600882.00	7242	6952
AMI043	4724720.83	593611.67	7118	6955
AMI046	ND	ND	ND	ND
AMI047	4746557.40	591152.98	7185	7179
AMI054	4746556.67	591232.96	7185	7179
AMI061	4746556.49	589970.77	7186	7178
AMI064	4745840.73	588751.36	7212	7173
AMI065	4745742.48	588662.53	7225	ND
AMI071	4739086.15	597760.82	7081	ND
AMI074	4747346.36	590313.38	7196	7188
AMI075	4746650.00	591300.00	7186	7179
AMI076	4746653.41	591299.67	7186	7177
AMI077	4730804.95	595698.62	7304	ND
AMI078	4727534.61	595563.72	7167	6977
AMI079	4727443.89	597970.27	7030	6987
AMI080	4741965.91	591754.88	7192	7050
AMI081	4730172.37	596727.97	7221	6994
AMI082	4725265.50	598894.50	6890	ND
AMI083	4725370.64	597663.59	6925	6913
AMI089	4710841.50	607577.00	7368	6952
AMI090	4730577.00	594187.00	7443	ND

APPENDIX B
WATER LEVEL SUMMARY TABLE
PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AMI094	4731589.33	595723.00	7418	6922
AMI095	ND	ND	ND	ND
AMI097	4730299.00	595576.00	7216	6914
AMI098	4730245.00	595282.00	7249	6917
AMI099	4727663.00	599305.00	7003	6968
AMI106	ND	ND	ND	ND
AMI107	4726522.00	598917.33	6949	6928
AMI108	4724990.67	598074.00	6898	ND
AMI109	4718930.00	600237.67	7039	6939
AMI111	4741852.67	590908.67	7256	7031
AMI113	4740822.00	592178.33	7221	7065
AMI114	4733535.00	594834.00	7409	ND
AMI115	4733274.33	594336.67	7470	6961
AMI116	4732833.67	594866.33	7474	6970
AMI117	4733018.00	595596.00	7446	6956
AMI118	4733065.00	595240.33	7431	6934
AMI119	4732631.00	595191.00	7465	6956
AMI120	4732765.00	595623.00	7455	6961
AMI121	4731870.33	595268.00	7448	6947
AMI122	4727379.00	596480.00	7085	6936
AMI123	4726220.67	597243.00	6999	6946
AMI124	4726900.00	597340.00	7042	6964
AMI127	4728664.00	596970.00	7147	6933
AMI128	4728224.00	597207.33	7079	6969
AMI130	4725846.67	596054.67	7013	6933
AMI131	4707570.33	613875.33	7223	6973
AMI132	4724471.00	600093.00	6927	6904
AMI133	4724129.75	598533.50	6910	6906
AMI134	4708466.67	612149.67	7324	6961
AMI135	4717084.00	604808.00	7162	6903
AMI137	4710224.00	608594.00	7310	6966
AMI139	4740324.00	590630.00	7548	7105

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AMI140	4735697.50	590917.00	7521	7000
AMI145	4715291.00	606084.67	7212	6933
AMI146	4705688.50	615649.00	7181	6966
AMI147	4714771.50	607260.50	7291	6953
AMI148	4713182.00	607238.00	7428	6951
AMI149	4714320.00	604921.00	7226	ND
AMI150	4742356.25	589360.50	7299	7033
AMI151	4721941.33	601514.33	7001	6935
AMI154	4731683.33	594631.00	7369	6975
AMI156	4722417.50	600027.50	6979	6939
AMI157	4730817.00	595703.00	7309	7059
AMI159	4729884.75	594838.75	7425	6948
AMI160	4729951.50	594484.00	7430	6951
AMI161	4740079.67	589625.67	7729	7036
AMI162	4709558.33	610988.67	7291	ND
AMI163	4708497.33	613042.33	7277	6942
AMI164	4729115.00	595516.00	7224	6991
AMI165	4738294.00	591926.50	7529	ND
AMI166	4728220.00	595326.00	7230	6911
AMI167	4728309.33	594413.00	7390	ND
AMI168	4728790.00	594497.00	7411	7065
AMI169	4728499.00	597765.00	7100	6917
AMI181	4728932.00	598368.50	7116	6975
AMI182	4705998.50	613929.00	7260	6956
AMI183	4731346.00	596507.50	7298	6937
AMI184	4733651.50	591563.00	7486	ND
AMI186	4717275.33	602004.83	7072	6986
AMI187	4704954.00	615101.00	7243	6971
AMI188	4743574.50	590465.50	7307	7090
AMI189	4708388.67	611347.00	7335	6964
AMI190	4723371.50	598100.00	6963	6947
AMI191	4725266.00	598895.00	6890	6913

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AMI192	4710085.33	610541.00	7296	6962
AMI193	4716002.50	605719.00	7165	6937
AMI194	4728810.00	599263.00	7028	6953
AMI196	4712393.67	607031.67	7372	6939
AMI197	4711907.67	607698.67	7389	6939
AMI198	4716368.00	603643.33	7072	6930
AMI199	4729321.00	595538.50	7254	ND
AMI201	4724391.50	599291.00	6890	ND
AMI202	4717487.33	605967.33	7227	6909
AMI203	4716335.25	605175.00	7132	6914
AMI204	4714712.50	606864.50	7323	ND
AMI205	4737791.00	591413.00	7534	ND
AMI206	4715605.00	604140.50	7110	6931
AMI209	4709815.33	608089.67	7308	7023
AMI210	4715099.00	604986.50	7177	6931
AMI211	4742427.00	591995.00	7203	7063
AMI212	4713605.33	606854.67	7377	6931
AMI213	4718477.33	600494.33	7042	6949
AMI214	4715226.33	603987.67	7126	6929
AMI216	4733532.00	594844.00	7410	6922
AMI228	4710041.00	611871.00	7305	6955
AMI230	4730674.50	596415.00	7262	ND
AMI231	4723295.25	600213.00	6993	6951
AMI232	4710841.00	609020.67	7314	6950
AMI233	4726158.67	604844.33	6988	6944
AMI234	4717176.00	604116.00	7092	6939
AMI235	4715923.50	603261.75	7076	6928
AMI236	4726205.50	597467.00	6968	ND
AMI237	4714189.25	606794.75	7330	6922
AMI238	4732850.50	593324.00	7462	ND
AMI239	4731285.00	593637.00	7454	ND
AMI242	4710788.00	610177.00	7304	ND

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AMI245	4731509.00	597191.00	7228	7028
AMI247	4722714.50	601516.50	6971	6947
AMI248	4718338.50	604184.00	7072	6949
AMI249	4717116.00	606437.00	7246	6952
AMI250	4719193.50	603532.50	7049	6951
AMI251	4717848.50	605942.00	7207	6949
AMI252	4724650.00	601714.00	7010	6954
AMI253	4718699.00	602823.00	7067	6958
AMI255	4729400.00	596781.00	7196	ND
AMI257	4728154.00	598614.00	7043	6964
AMI258	4720081.50	599654.50	6985	6922
AMI259	4726479.00	594575.00	7080	6963
AMI261	4726693.33	599348.00	6945	6944
AMI262	4720687.00	599273.00	6953	6934
AMI263	4712711.00	605276.00	7328	ND
AMI264	4715887.00	606785.00	7289	ND
AMI265	4713906.00	605880.00	7317	ND
AMI266	4717143.00	602835.50	7068	ND
AMI267	4715900.00	606794.00	7289	6966
AMI268	4704953.00	615103.00	7244	ND
AMI269	4715508.00	603659.00	7103	6923
AMI270	4732673.50	596946.00	7249	6973
AMI272	4728606.00	597087.00	7143	ND
AMI274	4723671.00	600101.00	6980	ND
AMI275	4715601.00	604138.00	7110	6917
AMI276	4727140.00	597725.00	7037	6971
AMI279	4715896.00	605122.00	7138	ND
AMI280	4718055.00	602876.00	7075	ND
AMI285	4717182.00	603230.00	7075	ND
AMI291	4716053.00	603926.00	7087	ND
AS001	4712412.00	604542.00	7323	7252
AS003	4706255.18	615788.94	7153	7141

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)
AS005	4706239.24	615845.63	7153	ND
AS006	4709314.03	613135.55	7293	ND
AS007	4736460.01	593234.23	7500	7322
AS008	4734078.20	594204.46	7466	ND
AS009	4712310.75	608136.27	7387	ND
AS010	4707354.97	612923.34	7259	ND
AS011	4705675.67	616812.16	7134	ND
AS013	4738412.00	589798.33	7625	7254
AS014	4711603.52	611680.68	7370	7173
AS015	4707969.36	617131.93	7264	ND
AS016	4740320.32	594340.18	7075	7070
AS019	4744629.50	589199.50	7438	7347
AS025	4724770.12	604360.03	7007	ND
AS028	4721046.00	597317.00	6928	6926
AS034	4734297.00	600489.00	7095	7017
AS035	4732692.00	599732.00	7082	7057
AS036	4734704.50	590341.25	7505	7435
AS039	4746235.74	588743.42	7198	7187
AS045	4747390.53	590629.82	7194	7187
AS046	4746732.98	590673.29	7186	7179
AS047	4746807.45	590755.58	7187	7173
AS048	4709689.16	610262.21	7280	ND
AS050	4721465.00	608284.00	7128	ND
AS051	4703548.00	608284.00	7202	ND
AS052	ND	ND	ND	ND
AS054	4746716.00	590651.00	7186	ND
AS061	4725849.50	600402.50	6895	6890
AS062	4718142.00	599701.00	6984	ND
AS063	4747376.00	590620.50	7194	ND
AS064	4741489.00	587297.00	7311	7302

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PINEDALE ANTICLINE PROJECT AREA
HYDROGEOLOGIC CONCEPTUAL MODEL

Site ID	Northing	Easting	DEM Surface Elevation (ft amsl)	Average Groundwater Elevation (ft amsl)

Notes:

ND - No data

DEM- USGS Digital Elevation Model

ft amsl - feet above mean sea level