

# Index of Big Sky Water & Sewer District Reports & Studies

By: Date and Title

No.	Date	Title, Author, Class, Area, No. of Copies	Comment
1	<u>1/6/1970</u>	Big Sky Master Plan Study, Flood, David, Master Plan, Big Sky Area, 1 Copy, ID #: 7	Preliminary Big Sky master plan report
2	<u>6/2/1970</u>	Concept Report- Water System, Drainage, Roads and Parking Areas, Site Grading and Earthwork, Dams for Lakes and Ponds, Thomas, Dean & Hoskins, Water & Sitework Plan, Big Sky Area, 2 Copies, ID #: 6	Preliminary report on water system and site work for Big Sky area
3	<u>8/1/1970</u>	Preliminary Studies and Report Sanitary Sewer Collection and Treatment Facilities, Morrison-Maierle, Wastewater Planning, Big Sky Area, 1 Copy, ID #: 5	Facilities Plan- Preliminary
4	<u>9/21/1970</u>	Big Sky Master Plan, Flood, David, Master Plan, Big Sky Area, 1 Copy, ID #: 2	Original Big Sky master plan report
5	<u>9/25/1970</u>	Big Sky Montana General Plan, Flood, David, Master Plan, Big Sky Area, 3 Copies, ID #: 9	Master Plan
6	<u>5/4/1971</u>	Engineering Report Water System, Thomas, Dean & Hoskins, Engineer's Report: Water System, Big Sky Area, 1 Copy, ID #: 104	Engineering Report Water System to establish the overall design concept for the Big Sky development water system
7	<u>7/1/1971</u>	USDA Final Environmental Statement on Proposed Gallatin Land Exchanges 2 & 3 with Burlington Northern, Inc., USDA, EA/EIS, Big Sky Area, 1 Copy, ID #: 83	USDA Forest Service Final Environmental Statement on Proposed Gallatin Land Exchanges 2 & 3 between Burlington Northern, Inc. and the Forest Service. Concluded that environmental impact to BN lands (8,316 acres) will be minimal, lands to be purchased by Big Sky (1,927 acres) will be "more significant due to planned developments". See exhibit entitled "Big Sky of Montana Environmental Report" marked toward back, page 8 for statement concerning sewage system and reference to a "closed system".
8	<u>2/1/1972</u>	Hydrology of the West Fork Drainage of the Gallatin River, Southwestern Montana, Prior to Commercial Recreational Development, Van Voast, Wayne, Hydrologic Study, Big Sky Area, 1 Copy, ID #: 102	Special Publication 57- State of Montana and Bureau of Mines- Hydrology of the West Fork Drainage of the Gallatin River, Southwestern Montana, Prior to Commercial Recreational Development
9	<u>10/1/1972</u>	Contract for Water Storage Tanks- Pittsburgh-Des Moines Steel Company, Thomas, Dean & Hoskins, Contract, Mountain/Meadow Village Area, 1 Copy, ID #: 53	Contract for Water Storage Tanks- Pittsburgh-Des Moines Steel Company- Original 500,000 gallon tank on mountain; and 50,000 gallon tank for Sweetgrass Hills
10	<u>1/1/1975</u>	Land Use Impact Analysis, Sandquist, Stuart, & Montagne, Master Plan: Land Use, Big Sky Area, 1 Copy, ID #: 1	Date unknown (Draft)
11	<u>2/1/1976</u>	Facilities Plan- RID 305, Phase III, Morrison-Maierle, Wastewater: Facilities Plan, Big Sky Area, 2 Copies, ID #: 4	Facilities Plan to evaluate treatment plant alternatives- May 1975, revised February 1976
12	<u>12/1/1978</u>	Water System Appraisal- Lone Mountain Springs, Morrison-Maierle, Appraisal, Big Sky Area, 2 Copies, ID #: 55	Water System Appraisal- Lone Mountain Springs- includes summary of total linear footages and original and current value of system
13	<u>2/1/1982</u>	Wastewater Master Plan for Rural Improvement District 305, Morrison-Maierle, Wastewater Planning, Big Sky Area, 1 Copy, ID #: 3	Preliminary report on wastewater master planning
14	<u>1/1/1986</u>	Preliminary Infiltration/Inflow Study- Big Sky Sewer System, Kerin & Associates, I&I Study, Big Sky Area, 1 Copy, ID #: 29	I&I study of sewer collection system (map missing from report)
15	<u>3/1/1986</u>	Wastewater Facilities Plan Draft- RID 305, Morrison-Maierle, Wastewater: Facilities Plan (Draft), Big Sky Area, 1 Copy, ID #: 65	Determine what wastewater treatment, storage and disposal facilities will be required for the RID 305 and court mandated Westland/TM capacity
16	<u>6/16/1986</u>	Summary of Aquifer Tests- Mountain Village and Hidden Village Developments, Morrison-Maierle, Engineer's Report: Well Testing, Mountain & Hidden Villages-- Big Sky Area, 1 Copy, ID #: 101	Summary of Aquifer Tests- Mountain Village and Hidden Village Developments- Mountain wells 1, 2 & 3; Hidden Village well 2

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17	<u>9/1/1986</u>	Wastewater Facilities Plan- RID 305 Gallatin - Madison Counties, Kerin & Associates, Wastewater: Facilities Plan, Big Sky Area, 1 Copy, ID #: 28	Facilities Plan to determine current capacity of existing wastewater facilities
18	<u>5/1/1988</u>	Addendum I- Current Capacity Wastewater Treatment Plant for Big Sky Sewer District, Big Sky, Kerin & Associates, Engineer's Report: Capacity Analysis, Big Sky Area, 1 Copy, ID #: 123	Addendum I- Current Capacity Wastewater Treatment Plant for Big Sky Sewer District, Big Sky- addendum report to the 1986 Wastewater Facility Plan to re-evaluate the three existing components (aeration, storage, and irrigation facilities) of the sewage treatment system.
19	<u>8/23/1988</u>	Current Capacity of Wastewater Treatment Plant, Big Sky, Montana, Kerin & Associates, Capacity Study, Big Sky Area, 1 Copy, ID #: 27	Addendum I- Current Capacity of Wastewater Treatment Plant
20	<u>5/1/1990</u>	DNRC Water Development and Renewable Resource Grant Application, Kerin & Associates, Grant Application, Big Sky Area, 1 Copy, ID #: 85	DNRC Water Development and Renewable Resource Grant Application- Book One: Grant application and supporting documentation for grant funds to be utilized to evaluate the existing utilities and provide the initial legal, financial and organizational framework for a new county water & sewer district at Big Sky.
21	<u>8/1/1990</u>	Sewer Rate Study for Big Sky Sewer District, Kerin & Associates, Rate Study, Big Sky Area, 1 Copy, ID #: 24	Original Sewer Rate Study for Big Sky Sewer District- lead to SFE concept
22	<u>4/1/1991</u>	Engineering Report Lone Mountain Springs Water System for Cascade Subdivision at Big Sky Mountain Village, Morrison-Maierle, Engineer's Report: Water System, Mountain Village Area, 1 Copy, ID #: 71	Engineering Report Lone Mountain Springs Water System for Cascade Subdivision at Big Sky Mountain Village to summarize the information obtained from a computer model of the proposed water system for Cascade Subdivision. Model used appears to be KY Pipe.
23	<u>4/1/1991</u>	Engineering Report- Lone Mountain Springs Water System for Cascade Subdivision at Big Sky Mountain Village, Morrison-Maierle, Engineer's Report: Water System (Mountain Village), Cascade-- Big Sky Area, 1 Copy, ID #: 122	Engineering Report- Lone Mountain Springs Water System for Cascade Subdivision at Big Sky Mountain Village prepared to summarize the information from the computer model for the proposed Cascade water distribution system of the mountain village water system.
24	<u>6/1/1991</u>	Emergency Action Plan - Big Sky Dam - MT 1395, Morrison-Maierle, Emergency Response Plan, Mountain Village Area, 1 Copy, ID #: 56	Emergency Action Plan for earthen dam at Mountain Village
25	<u>7/1/1991</u>	Engineering Report- Lone Mountain Springs Water System at Big Sky Mountain Village, Morrison-Maierle, Engineer's Report: Water System (Mountain Village), Mountain Village-- Big Sky Area, 1 Copy, ID #: 121	Engineering Report- Lone Mountain Springs Water System at Big Sky Mountain Village, original report dated January 1989, revised July 1991, study done to 1) update 1989 computer model of mountain village water system; and 2) Eliminate the Lake Levinsky water line per state requirement.
26	<u>10/14/1991</u>	Fire Loss Survey for Hidden Village, Gallatin Fire Services, Other, Hidden Village-- Meadow Village Area, 1 Copy, ID #: 19	Fire Loss Survey for Hidden Village- water supply and fire department interests
27	<u>12/1/1991</u>	Sanitary Sewage System- Big Sky, Montana, Thomas, Dean & Hoskins, Wastewater Planning, Big Sky Area, 1 Copy, ID #: 63	Review existing treatment plant capacity and future requirements for plant capacity.
28	<u>7/23/1992</u>	Wastewater Treatment Process Options- Preliminary Evaluation Report- Big Sky, Montana, HKM, Wastewater Planning, Big Sky Area, 2 Copies, ID #: 38	Evaluate wastewater treatment process options for upgrading existing treatment plant facility
29	<u>12/3/1992</u>	Results of Phase I Groundwater Study- Big Sky Sewage Lagoons, HKM, Wastewater Planning, Big Sky Area, 2 Copies, ID #: 64	Evaluate the groundwater regime near the lagoons to assess the potential for groundwater contamination
30	<u>3/30/1993</u>	Executive Summary- Draft Facility Plan for Improvements to the Big Sky Wastewater Treatment Facility, HKM, Wastewater: Facilities Plan Executive Summary, Big Sky Area, 1 Copy, ID #: 37	Executive summary of draft facilities plan for improvements to the Big Sky wastewater treatment facility
31	<u>6/16/1993</u>	Lone Mountain Ranch- Water Well Feasibility Study, Envirocon, Inc., Hydrologic Study & Well Feasibility, Lone Mountain Guest Ranch-- Big Sky Area, 1 Copy, ID #: 103	Lone Mountain Ranch- Water Well Feasibility Study to evaluate the cost and feasibility to drill a large capacity well on LMGR property.
32	<u>12/1/1993</u>	Lone Mountain Springs Water System Facility Plan, Threlkeld, Terry, Water: Facility Planning, Big Sky Area, 1 Copy, ID #: 105	Lone Mountain Springs Water System Facility Plan evaluate existing water system and make recommendations for future capital improvements.

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33	<u>12/1/1993</u>	Report of Spray Irrigation Site Suitability Mapping- Big Sky Wastewater Treatment Facility, HKM, Wastewater Planning, Big Sky Area, 1 Copy, ID #: 62	Report of spray irrigation site suitability and mapping for various methods of land application of treated wastewater
34	<u>2/16/1994</u>	Agreement for Transfer of Assets, Liabilities, Obligations & Functions from Rural Improvement District #395 to Incorporated Water & Sewer District #363, WSD 363/RID 305 Staff & Board, Agreement, Big Sky Area, 2 Copies, ID #: 23	Agreement for Transfer of Assets, Liabilities, Obligations & Functions from Rural Improvement District #395 to Incorporated Water & Sewer District #363
35	<u>3/1/1994</u>	Big Sky Land Treatment Feasibility Study Preliminary Design, Engineering Service Professionals, Engineer's Report: Land Application of Wastewater, Big Sky Area, 1 Copy, ID #: 134	Preliminary design report for land application of treated wastewater effluent on Meadow golf course and on forested lands.
36	<u>3/25/1994</u>	Information for Gallatin and Madison County Commissioners, WSD363 Board and Staff, Other: Resort Tax, Big Sky Area, 2 Copies, ID #: 75	Information for Gallatin and Madison County Commissioners for 1994 resort tax application
37	<u>3/29/1994</u>	Summary Report of Infiltration & Inflow at Big Sky, Montana, HKM, I&I Study, Big Sky Area, 1 Copy, ID #: 36	I&I study of sewer collection system to summarize past repairs and review effectiveness of these repairs
38	<u>4/6/1994</u>	Information for Gallatin and Madison County Commissioners, WSD363 Board and Staff, Other: Resort Tax, Big Sky Area, 2 Copies, ID #: 76	Information for Gallatin and Madison County Commissioners for April 6, 1994 resort tax application presentation
39	<u>5/1/1994</u>	Wastewater Treatment & Disposal System- Field Investigation Report- Big Sky, Montana, Espey, Huston & Associates, Wastewater Planning, Big Sky Area, 2 Copies, ID #: 35	Engineers field investigation of existing wastewater treatment & disposal System and to determine possible solutions for the IAWP
40	<u>6/16/1994</u>	Wastewater Facility Plan for Big Sky, Montana, HKM, Wastewater: Facilities Plan (Draft), Big Sky Area, 1 Copy, ID #: 66	Wastewater Facilities Plan recommending a sequencing batch reactor treatment plant, winter snowmaking and new 62 MG lined pond at Michener Creek
41	<u>7/1/1994</u>	Interim Action Work Plan- Preliminary Engineering Report- Wastewater Treatment & Disposal System, Espey, Huston & Associates, Wastewater: Facilities Plan, Big Sky Area, 2 Copies, ID #: 34	Draft Interim Action Work Plan- Preliminary Engineering Report- Wastewater Treatment & Disposal System
42	<u>7/1/1994</u>	Preliminary Infrastructure Analysis for Hidden Village Owners Association, Damschen & Associates, Inc., Engineer's Report: Infrastructure Analysis, Hidden Village-- Big Sky Area, 1 Copy, ID #: 106	Preliminary Infrastructure Analysis for Hidden Village Owners Association- evaluate the capacity of the water , sewer and road system at Hidden Village
43	<u>9/15/1994</u>	Interim Action Work Plan for Wastewater Treatment & Disposal, HKM, Wastewater: Facilities Plan, Big Sky Area, 2 Copies, ID #: 33	Draft Interim Action Work Plan for Wastewater Treatment & Disposal
44	<u>12/12/1994</u>	Interim Action Work Plan for Wastewater Treatment & Disposal, HKM, Wastewater: Facilities Plan, Big Sky Area, 2 Copies, ID #: 32	Draft Interim Action Work Plan for Wastewater Treatment & Disposal
45	<u>12/13/1994</u>	Draft Environmental Assessment for Big Sky Developments, DEQ, EA, Big Sky Area, 1 Copy, ID #: 133	Draft environmental assessment prepared by the DEQ in response to Compliance Order and District's wastewater facilities planning
46	<u>3/1/1995</u>	Big Sky Water System Analysis- Meadow Village Area, Thomas, Dean & Hoskins, Engineer's Report: Water Study, Meadow Village Area, 2 Copies, ID #: 100	Big Sky Water System Analysis- Meadow Village Area for the Gallatin Canyon Rural Fire District- preliminary evaluation of the Meadow Village water system
47	<u>4/1/1995</u>	Proposal for Water System Master Plan, Thomas, Dean & Hoskins, Water System Planning, Big Sky Area, 1 Copy, ID #: 8	Proposal
48	<u>6/28/1995</u>	Big Sky County Water & Sewer District No. 363 Fact Book, WSD363 Staff & Board, Other, Big Sky Area, 3 Copies, ID #: 21	Big Sky County Water & Sewer District No. 363 Fact Book- for Compliance Order reporting to DEQ
49	<u>11/1/1995</u>	Revised Interim Action Work Plan for Wastewater Treatment & Disposal, MSE-HKM, Wastewater: Facilities Plan, Big Sky Area, 5 Copies, ID #: 31	Revised Interim Action Work Plan for Wastewater Treatment & Disposal as required by Compliance Order
50	<u>1/2/1996</u>	Long Term Compliance Work Plan for Wastewater Treatment and Disposal, MSE-HKM, Wastewater: Facilities Plan, Big Sky Area, 2 Copies, ID #: 67	Long Term Compliance Work Plan originally submitted to DEQ for review and approval. Option 1D preferred- summer irrigation (143.3 MG/Y), winter snowmaking (33.2 MG/Y) and discharge to the Gallatin River (31.4 MG/Y)

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51	<u>2/1/1996</u>	Relative History of Big Sky & RID 305 & Successor In Interest WSD 363, WSD363 Staff & Board, Other, Big Sky Area, 3 Copies, ID #: 22	Relative History of Big Sky & RID 305 & Successor In Interest WSD 363
52	<u>3/1/1996</u>	Big Sky Mountain Village Real Estate Inventory, Prugh & Lenon Architects, Other, Mountain Village Area, 1 Copy, ID #: 26	Big Sky Mountain Village Real Estate Inventory
53	<u>3/1/1996</u>	Engineer's Report for the Water System Improvements at the Meadow Village, Big Sky, Gaston Engineering, Engineer's Report: Water System, Meadow Village-- Big Sky Area, 2 Copies, ID #: 115	Engineer's Report for the Water System Improvements at the Meadow Village, Big Sky- prepared as a result of water shortages experienced the fall of 1996. Proposed drilling a Meadow Well No. 4; submitted to DEQ on 3/14/96.
54	<u>4/19/1996</u>	Montana Wastewater Treatment Works Revolving Loan Program Application, WSD363, Financial, Big Sky Area, 1 Copy, ID #: 117	Montana Wastewater Treatment Works Revolving Loan Program Application (SRF) program application for IAWP improvements.
55	<u>5/17/1996</u>	Public/Private Partnership for the Wastewater Project, Montgomery Watson & Barnard Construction, Proposal, Big Sky Area, 1 Copy, ID #: 108	Proposal for Public/Private Partnership for the Wastewater Project (IAWP and mountain village snowmaking project). District rejected proposal went ahead with IAWP as approved by DEQ.
56	<u>8/23/1996</u>	\$5,513,000 General Obligation Bond (DNRC Revolving Loan Program) Series 1996, Dorsey Whitney- Mae Nan Ellington, Financial, Big Sky Area, 1 Copy, ID #: 118	\$5,513,000 General Obligation Bond (DNRC Revolving Loan Program) Series 1996 for IAWP improvements
57	<u>9/30/1996</u>	Hydrogeologic and Hydrochemical Investigation of the Big Sky Area, Baldwin, David, Hydrologic Study: Masters Thesis, Big Sky Area, 1 Copy, ID #: 99	Hydrogeologic and hydrochemical analysis of the groundwater and surface water of Big Sky so future impacts can be monitored and addressed.
58	<u>3/31/1997</u>	Big Sky Golf Course Water Quality Monitoring Plan and Summary of Lysimeter and Monitor Well Data: 1996, MSE-HKM, Wastewater: Facilities Plan Monitoring, Big Sky Area, 1 Copy, ID #: 77	Golf course monitoring plan for IAWP
59	<u>5/1/1997</u>	Aquifer Vulnerability Assessment of the Big Sky Area, Baldwin, David, Hydrologic Study: Masters Thesis, Big Sky Area, 1 Copy, ID #: 111	Aquifer Vulnerability Assessment of the Big Sky Area to assess the relative intrinsic vulnerability of local aquifers at Big Sky.
60	<u>6/1/1997</u>	Outfall Line Flow Monitoring Report & Preliminary Design Report, Thomas, Dean & Hoskins, Engineer's Report, Big Sky Area, 1 Copy, ID #: 94	Outfall Line Flow Monitoring Report & Preliminary Design Report for sewer outfall line. Line replaced in 1998 and 1999 by VanDyke Construction. Original bid of \$763,000,
61	<u>8/1/1997</u>	Wastewater Service Charge Study for Big Sky County Water & Sewer District #363, Kerin & Associates, Engineer's Report: Rate Study, Big Sky Area, 2 Copies, ID #: 98	Wastewater Service Charge Study for Big Sky County Water & Sewer District #363- PIF and user charge rate evaluation
62	<u>10/1/1997</u>	Evaluation of the Snowfluent Process for Big Sky county Water & Sewer District # 363, Delta Engineering, Engineer's Report: Snowmaking, Big Sky Area, 3 Copies, ID #: 79	Evaluation of the Snowfluent Process for Big Sky county Water & Sewer District # 363 from pilot snowmaking project conducted at Big Sky during spring of 1997.
63	<u>10/1/1997</u>	Technical Document, Delta Engineering, Engineer's Report: Snowmaking, Big Sky Area, 1 Copy, ID #: 81	Technical Document containing various technical papers about freeze crystallization and its application to wastewater treatment. Also contains published research and experimental results documented by Delta Engineering.
64	<u>10/24/1997</u>	Comparison: Reductions of BOD5, Total P, Sol. P, Ammonia, Kjeldahl N- Lagoon Wastewater to Melt Water at Several Plants, Delta Engineering, Engineer's Report: Snowmaking Comparative Data, Big Sky Area, 2 Copies, ID #: 80	Comparison: Reductions of BOD5, Total P, Sol. P, Ammonia, Kjeldahl N- Lagoon Wastewater to Melt Water at Collingwood, Blue Mountain, 1982 & 83; Bruce Energy Centre, 1990; and Carrabassett Valley, Maine, 1994.
65	<u>11/25/1997</u>	Long Term Compliance Work Plan for Wastewater Treatment and Disposal, MSE-HKM, Wastewater: Facilities Plan (Revised), Big Sky Area, 1 Copy, ID #: 68	Long Term Compliance Work Plan for Wastewater Treatment and Disposal (draft). Option 2D preferred- summer irrigation (143.3 MG/Y), winter snowmaking (50.5 MG/Y) and discharge to the Gallatin River (27.7 MG/Y)
66	<u>12/17/1997</u>	Installation and Testing Report - Blue Grouse Well, MSE-HKM, Engineer's Report: Well Report, South Fork-- Meadow Village Area, 2 Copies, ID #: 84	Hydrological report on Blue Grouse well re-drill which deepened well to the Kootenai formation from a previous depth of 900 feet down to 1250 feet.

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67	<u>12/19/1997</u>	Long Term Compliance Work Plan for Wastewater Treatment and Disposal, MSE-HKM, Wastewater: Facilities Plan (Revised), Big Sky Area, 2 Copies, ID #: 69	Long Term Compliance Work Plan for Wastewater Treatment and Disposal (draft). Option 2D preferred= summer irrigation (143.3 MG/Y), winter snowmaking (50.5 MG/Y) and discharge to the Gallatin River (27.7 MG/Y)
68	<u>5/1/1998</u>	Flow Analysis of Mountain to Meadow Village Sewer Outfall Line, Allied Engineering, Engineer's Report: Flow Report, Big Sky Area, 3 Copies, ID #: 89	Flow Analysis of Mountain to Meadow Village Sewer Outfall Line for sewer outfall design work
69	<u>7/15/1998</u>	Geotechnical Report- Big sky Sewer Outfall, Allied Engineering, Geotechnical Report, Big Sky Area, 3 Copies, ID #: 88	Geotechnical Report- Big sky Sewer Outfall for sewer outfall replacement design work
70	<u>8/30/1998</u>	Water Source Evaluation (Draft), Integrated Geoscience, Water: Facilities Planning (Draft), Big Sky Area, 1 Copy, ID #: 92	Water Source Evaluation (Draft), done as part of contract with Neil Consulting. Neil Consulting later released from project, final report never submitted.
71	<u>9/18/1998</u>	Long Term Compliance Work Plan for Wastewater Treatment and Disposal, MSE-HKM, Wastewater: Facilities Plan (Final), Big Sky Area, 2 Copies, ID #: 70	Long Term Compliance Work Plan for Wastewater Treatment and Disposal (FINAL SUBMITTAL). Option 2C preferred= summer irrigation (143.3 MG/Y), winter snowmaking (53 MG/Y) and discharge to the Gallatin River (11.5 MG/Y). Plan ultimately approved by the DEQ.
72	<u>9/1/1998</u>	\$417,000 General Obligation Bond (DNRC Revolving Loan Program) Series 1998, Dorsey Whitney- Mae Nan Ellingson, Financial, Big Sky Area, 1 Copy, ID #: 119	\$417,000 General Obligation Bond (DNRC Revolving Loan Program) Series 1998 for IAWP improvements
73	<u>11/1/1998</u>	Wetland Delineation Section 31- Phase I, Big Sky Montana, Wetlands West, Inc., Wetlands Report, Meadow Village-- Big Sky Area, 1 Copy, ID #: 141	Wetland Delineation Section 31- Phase I, Big Sky Montana done as part of LTCWP site work.
74	<u>12/22/1998</u>	Proposal for Engineering a Snowmaking Type Wastewater Treatment System/Advanced Nutrient Wastewater Treatment Plant, MSE-HKM, Proposal, Big Sky Area, 2 Copies, ID #: 78	Proposal for Engineering a Snowmaking Type Wastewater Treatment System/Advanced Nutrient Wastewater Treatment Plant- primarily done for snowmaking treatment plant project on Mountain Village. MSE-HKM was only response after being advertized in local papers.
75	<u>3/1/1999</u>	Water Quality Monitoring Plan for Snowmaking at the Big Sky Mountain Sites, MSE-HKM, Engineer's Report: Snowmaking Monitoring Plan, Big Sky Area, 1 Copy, ID #: 90	Water Quality Monitoring Plan for Snowmaking at the Big Sky Mountain Sites for DEQ review and approval as part of the LTCWP snowmaking option
76	<u>3/18/1999</u>	Technical Memorandum I- Aerated Lagoon versus SBR for Snowmaking Pretreatment, MSE-HKM, Engineer's Report: Snowmaking, Big Sky Area, 1 Copy, ID #: 127	Technical Memorandum I- Aerated Lagoon versus SBR for Snowmaking Pretreatment; engineering analysis showing differences in treatment and projected cost; report that District used to select the SBR for the Mountain Vilalge snowmaking pretreatment alternative.
77	<u>4/26/1999</u>	Preliminary Design Report, Delta Engineering, Engineer's Report: Snowmaking Design Report, Big Sky Area, 1 Copy, ID #: 91	Preliminary Design Report for Mountain Village snowmaking project
78	<u>7/30/1999</u>	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District, Utility Services Associates, Leak Detection Report, Meadow Village-- Big Sky Area, 2 Copies, ID #: 129	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District- for the Meadow Village water system
79	<u>9/1/1999</u>	Geotechnical Investigation for the Aerated Lagoon and Wastewater Freeze Crystallization Process, MSE-HKM, Geotechnical Report, Big Sky Area, 1 Copy, ID #: 128	Geotechnical Investigation for the Aerated Lagoon and Wastewater Freeze Crystallization Process- geotech site evaluation of montain snowmaking treatment plant site and remote snowmking towers.
80	<u>9/27/1999</u>	Groundwater and Surface Water Monitoring Plan, EDM, Monitoring Plan, Big Sky Area, 2 Copies, ID #: 126	Monitoring plan for recommended monttoiring activities for the Big Sky County Water & Sewer District. Recommendations include sample parameters, sample sites and freqesncy for sampling events. See project file for MDEQ response comments on monitoring plan.
81	<u>10/1/1999</u>	Well Performance Testing- Hidden Village No. 1, Meadow Vilalge Well Nos. 1, 2 &3, Western Groundwater Services, Engineer's Report: Well Testing, Meadow Village-- Big Sky Area, 1 Copy, ID #: 114	Well Performance Testing- Hidden Village No. 1, Meadow Vilalge Well Nos. 1, 2 & 3 completed using resort tax funds to evaluate well performance and make recommendations for future rehab work.

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82	<u>11/9/1999</u>	Analysis of Water Requirements; Attachemnt A- Criteria Addendum No. 1, Physcial Availability of Water; Attachment B- Criteria Addendum No. 3, Updated Analysis of Adverse Impacts, Western Groundwater Services, Engineer's Report: Well Testing for Water Rights, Meadow Village-- Big Sky Area, 1 Copy, ID #: 131	Report for Meadow Village Water Right filing- Analysis of Water Requirements; Attachemnt A- Criteria Addendum No. 1, Physcial Availability of Water; Attachment B- Criteria Addendum No. 3, Updated Analysis of Adverse Impacts
83	<u>11/22/1999</u>	Final Design Report- Drawings and Specifications for the Snowfluent Wastewater Treatment System at Big Sky, Delta Engineering, Engineer's Report: Snowmaking Design, Big Sky Area, 1 Copy, ID #: 112	Final Design Report- Drawings and Specifications for the Snowfluent Wastewater Treatment System at Big Sky submitted to DEQ for review and approval on 11/23/99.
84	<u>12/17/1999</u>	Design Report for Sequencing Batch Reactor and Freeze Crystallization Process for Big Sky, MSE-HKM, Engineer's Report: Wastewater Treatment, Mountain Village-- Big Sky Area, 1 Copy, ID #: 120	Design Report for Sequencing Batch Reactor and Freeze Crystallization Process for Big Sky, provides information and calculations used in the design of the wastewater treatment and disposal system for the Mountain Vilalge.
85	<u>2/1/2000</u>	Big Sky Fire Management Strategy, Forest Service, Planning- Fire Management, Big Sky Area, 1 Copy, ID #: 132	Fire Management Strategy- fire management and planning for fire agencies for fire events.
86	<u>5/1/2000</u>	Geotechnical Investigation for the Meadow Village Wastewater Treatment Facilities, MSE-HKM, Geotechnical Report, Meadow Village-- Big Sky Area, 3 Copies, ID #: 135	Geotechnical report for propsoed treatment plant site in Section 31, Westland/TM property involved in land swap.
87	<u>6/20/2000</u>	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District, Utility Services Associates, Leak Detection Report, Meadow Village-- Big Sky Area, 2 Copies, ID #: 136	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District- for the Meadow Villageand Mountain Village water systems
88	<u>10/1/2000</u>	Overall Development Plan Amendment- Mountain Village at Big Sky, Montana, Prugh & Lenon Architects, Master Plan, Mountain Village-- Big Sky Area, 2 Copies, ID #: 137	Overall Development Plan Amendment- Mountain Village at Big Sky, Montana
89	<u>5/8/2001</u>	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District, Utility Services Associates, Leak Detection Report, Meadow Village-- Big Sky Area, 1 Copy, ID #: 140	Water Line Leak Location Project Final Report for Big Sky Water & Sewer District- for the Meadow Village water system; 4/30/01 to 5/02/01
90	<u>6/1/2001</u>	Amendment to Long Term Compliance Work Plan for Wastewater Treatment and Disposal, HKM Inc., Engineer's Report: Wastewater, Big Sky Area, 2 Copies, ID #: 146	Amendment to Long Term Compliance Work Plan submitted September 1998.
91	<u>8/1/2001</u>	Draft Access Management Guidelines, Robert Peccia & Associates, Engineer's Report: Traffic, Big Sky Area, 1 Copy, ID #: 144	Draft Access Management Guidelines for Access Control to Big Sky for the Montana Department of Transportation
92	<u>12/17/2001</u>	Well #6 Chlorination Injection Pilot Program- Mountain Village, Gaston Engineering, Engineer's Report: Well Test, Mountain Village-- Big Sky Area, 1 Copy, ID #: 143	Well #6 Chlorination Injection Pilot Program- Mountain Village; also includes Morrsion Maierle 1/28/2002 report commenting on Gaston findings
93	<u>1/18/2002</u>	Yield and Drawdown Tests Mountain Village Well No. 7 big Sky Water and Sewer district, Morrison-Maierle, Engineer's Report: Well Pump Test, Mountain Village-- Big Sky Area, 3 Copies, ID #: 142	Yield and Drawdown Tests Mountain Village Well No. 7 for compliance with Yellowstone Club Agreement drilling new well on mountain village
94	<u>3/22/2002</u>	Strategic Energy Management for Big Sky, Montana, Barr Engineering, Engineer's Report: Energy, Big Sky Area, 1 Copy, ID #: 145	Strategic Energy Management for big Sky, Montana- report padi for by BSOA. Barr Engineering is a Minnesota engineering firm.
95	<u>12/1/2002</u>	Big Sky County Water and Sewer District #363 Well #7 Improvements Design Report, Morrison-Maierle, Engineer's Report: Well Design, Mountain Village-- Big Sky Area, 3 Copies, ID #: 176	Design report for Mountain Village Well No. 7 for compliance with Yellowstone Club Agreement drilling new well on mountain village
96	<u>4/1/2002</u>	Big Sky Mountain Village Water System Model Preliminary Report, Morrison-Maierle, Engineer's Report: Water Model, Mountain Village-- Big Sky Area, 3 Copies, ID #: 172	Big Sky Mountain Village Water System Model Preliminary Report
97	<u>6/1/2002</u>	Source Water Delineation and Assessment Report- Lone Mountain Ranch, Big Sky, Western Groundwater Services, Hydrologic Study, Lone Mountain Guest Ranch-- Big Sky Area, 1 Copy, ID #: 148	Source Water Delineation and Assessment Report- Lone Mountain Ranch, Big Sky

No.	Date	Title, Author, Class, Area, No. of Copies	Comment
98	<u>9/1/2002</u>	Source Water Delineation and Assessment Report- Big Sky County Water & Sewer District, Western Groundwater Services, Hydrologic Study, Big Sky Area, 2 Copies, ID #: 147	Source Water Delineation and Assessment Report- funded by resort tax, District funds and DEQ grant.
99	<u>12/31/2002</u>	Big Sky Mountain Village Water System Model, Morrison-Maierle, Engineer's Report: Water Model, Mountain Village-- Big Sky Area, 3 Copies, ID #: 150	Big Sky Mountain Village Water System Model Final Report- Also includes maps in file cabinet and in vertical map file cabinet.
100	<u>1/7/2003</u>	Dam Safety Inspection Report- Big Sky Sewer Ponds, HKM, Inc., Engineer's Report: Inspection, Meadow Village-- Big Sky Area, 2 Copies, ID #: 149	Dam Safety Inspection Report- Big Sky Sewer Ponds completed to fulfill requirement of Montana Dam Safety Department that the storage ponds be inspected by a P.E. once every 5 years.
101	<u>5/1/2003</u>	Big Sky Mountain Village Water System Model Update, Morrison-Maierle, Engineer's Report: Water Model, Mountain Village-- Big Sky Area, 1 Copy, ID #: 151	Big Sky Mountain Village Water System Model Update Final Report
102	<u>7/22/2003</u>	Water Tank Inspection Reports- Sweetgrass 250K & 50 K Tanks, Liquid Engineering, Leak Detection Report- Water Tanks, Meadow Village-- Big Sky Area, 2 Copies, ID #: 153	Water Tank Inspection Reports- Sweetgrass 250K & 50 K Tanks: Photos & Inspection Reports
103	<u>9/22/2003</u>	Big Sky Meadow Village Water System Model for Big Sky Water and Sewer District, Morrison-Maierle, Engineer's Report: Water Model, Meadow Village-- Big Sky Area, 1 Copy, ID #: 152	Big Sky Meadow Village Water System Model Update Final Report
104	<u>4/13/2004</u>	ISO Gallatin Canyon Rural Fire Department Classification Results, ISO (Insurance Services Organization), Insurance Report, Big Sky Area, 1 Copy, ID #: 174	ISO Gallatin Canyon Rural Fire Department Classification Results
105	<u>5/4/2004</u>	\$534,000 & 7,000,000 General Obligation Bond (DNRC Drinking Water & Wastewater Revolving Loan Program) Series 2003, Dorsey Whitney- Mae Nan Ellingson, Financial, Big Sky Area, 1 Copy, ID #: 190	\$534,000 & 7,000,000 General Obligation Bond (DNRC Drinking Water & Wastewater Revolving Loan Program) Series 2003 for 534 K Water Facilities Improvements water meters - 7M for new treatment plant
106	<u>5/4/2004</u>	\$1,966,000 General Obligation Bond (DNRC Drinking Water Revolving Loan Program) Series 2003, Dorsey Whitney- Mae Nan Ellingson, Financial, Big Sky Area, 1 Copy, ID #: 189	\$1,966,000 General Obligation Bond (DNRC Drinking Water Revolving Loan Program) Series 2003 for Water Facilities Improvements- 1 MG tank in Meadow Village
107	<u>6/10/2004</u>	\$6,500,000 General Obligation Bond (DNRC Revolving Loan Program) Series 2003, Dorsey Whitney- Mae Nan Ellingson, Financial, Big Sky Area, 1 Copy, ID #: 169	\$6,500,000 General Obligation Bond (DNRC Revolving Loan Program) Series 2003 for LTCWP improvements new treatment plant & forcemain pipeline
108	<u>9/6/2005</u>	Engineering Design Report For Aspen Groves Subdivision, HKM Engineering, Engineer's Report: Water Treatment, Aspen Groves-- Big Sky Area, 2 Copies, ID #: 181	Engineering Design Report For Aspen Groves Subdivision- Water treatment system to filter bentonite clay from well water at Aspen Groves