

# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, JANUARY 3, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order

7:35 Minutes of December 6, 1988

7:45 Oath of Office for Newly Elected Board of Trustees

7:50 Election of MGSD Board Officers

8:00 Carson Valley Inn--Hotel Sewer Unit Clarification

8:15 Western Nevada Properties--Line Approval As-Builts

8:30 Gardnerville Ranchos General Improvement District--Capacity Transfer Request

8:45 Mackland Unit 2--Discussion


9:00 Engineer's Report

9:15 Superintendent's Report

9:30 Secretary's Report

9:40 Public Commentary

9:50 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following items will be considered as time permits between the above scheduled items: Engineer's Report, Superintendent's Report and Secretary's Report.

All persons attending the board meeting are required to sign the guest register.

PLEASE DO NOT REMOVE UNTIL January 4, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, January 3, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Daniel Hellwinkel, Louis Neddenriep, Jerome Etchegoyhen, William Nelson and Vic Pedrojetti

Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

Others Present:

Rob Williams, Steve Holton, Henry Dreyer, Doug Struthers, Shawn Smyth, David Merrill, Renee Mack, Mike Rowe, Jim Vasey, Todd Vasey, Andy Burnham, Bob Spellberg, Bruce Nystrom and Brian Jones

Minutes of December 2, 1989 were read. Motion by Vic Pedrojetti to accept the minutes of December 6, 1988. Seconded by Louis Neddenriep. Motion carried.

Chairman Hellwinkel introduced Doug Struthers, Justice of the Peace, who administered the oath of office to reelected board of trustee members, Louis Neddenriep and Vic Pedrojetti. The Chairman thanked Judge Struthers for his services.

The Chairman then called for nominations for MGSD Board Officers. Motion by William Nelson to retain the present board officers who are, Daniel Hellwinkel-Chairman, Louis Neddenriep-Vice-Chairman, and Jerome Etchegoyhen-Secretary-Treasurer. Seconded by Vic Pedrojetti. Motion carried.

Rob Williams from CWC-HDR, Inc. discussed a problem concerning a leaking air header pipe for the solids contact project. The cost to replace the pipe would be approximately \$3,400.00. Discussion followed concerning the pipe problem and pipe material. Rob related that the blowers have been overhauled. Discussion followed on blowers. Rob related that they will block the flange and turn on the blowers to try to determine the problem with the pipe. Rob drew a diagram on the board showing the pipe, where he feels the problem lies and the testing procedure to be used. Motion by William Nelson to approve a change order for the solids contact aeration contact project for repair of an air header pipe located in the old plant. Seconded by Louis Neddenriep. Motion carried.

Carson Valley Inn--Hotel Sewer Unit Clarification--Represented by Shawn Smyth. Mr. Smyth related to the Board that he feels there was a misunderstanding concerning the use of the hospitality room located on the

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second floor of the hotel expansion. The suite will be sold as a sleeping room, but does contain a jacuzzi. The room will not host functions as will the first floor hospitality suite. The sewer usage charge would be 1/3 of on an EDU vs. 2.1 EDU's. Discussion followed on jacuzzi charge. There is no charge in the ordinance at the present time for jacuzzi's. The Board felt that a nominal charge should be implemented in the ordinance for jacuzzi's. Mr. Smyth was in agreement that a nominal charge was in order for jacuzzi's and also related that he does not want a refund for change of room use, but will use the credit at a later date. Discussion followed. Motion by Louis Neddenriep that the hospitality suite shown on the Carson Valley Inn's hotel expansion plans located on the second floor will be changed from a hospitality suite to a sleeping room. A nominal charge is to be made on all jacuzzi's in the very near future. Seconded by Jerome Etchegoyhen. Motion carried.

Western Nevada Properties-Line Approval As-Built--Represented by Steve Holton. Mr. Holton related to the Board that he felt that some confusion had occurred regarding the easement with the Dreyer's. There are no surface rights. There are only underground rights. A letter dated 8/25/88 signed by Leo Hanley was presented for board review. Included in the letter was return of the surface to original condition prior to construction activity, overfill for compensation of settling, and leveling in early spring, 1989 to allow ranching activities to resume, crop failure attributed to improper grading of construction area will be compensated to Dreyer's by Western Nevada Properties (copy of letter attached to the minutes) It was noted that the letter had not been signed by the Dreyer's. The Chairman related that the Dreyer's will have to sign a letter stating that they are satisfied with the line construction. When the line is approved, the line will belong to MGSD and the District does not want any problems with the Dreyer's concerning the main in the future. Rob Williams of CWC-HDR, Inc. related that there are minor changes that need to be added to the as-built drawings but felt they could be approved subject to minor changes. David Merrill, the inspector on the project from Lumos & Associates recommended that MGSD accept the main. All testing has been completed and the main meets the MGSD ordinance requirements. Henry Dreyer stated that the Dreyer family is satisfied with the construction and are in agreement with the Western Nevada Properties letter dated 8/25/88. Henry also stated that he had been sent to the meeting to inform the Board that the Dreyer's are satisfied with the main construction. However, he did not know if Joan and Roland Dreyer would sign the Western Nevada Properties letter dated 8/25/88. Discussion followed concerning satisfaction letter from Dreyer's to sign. The Board generally felt that verbal satisfaction was not satisfactory. Steve Holton felt that the Dreyer's may not wish to sign the 8/25/88 letter due to the leveling not being completed. Henry Dreyer stated again that the Dreyer family has no complaints regarding the main construction and was present at the meeting to represent his parents. However, he had no authority to sign anything. Discussion followed. The Board felt that they wished to make sure the Dreyer family is satisfied with the main construction and will not come to the Board with complaints in the future. Discussion followed concerning the easement and future main replacement. Discussion followed concerning approval of

the as-builts and line acceptance. Motion by Jerome Etchegoyhen to approve the as-builts subject to minor changes specified by Rob Williams and to accept the sewer main for Western Nevada Properties subject to the Dreyer's signature on the Western Nevada Properties letter dated 8/25/88. Seconded by Vic Pedrojetti. Motion carried.

/ Steve Holton related to the Board that approximately 860 feet of 21" line will be constructed and requested that MGSD consider reducing the six to eight hours per day inspection. David LaBarbara related that the Board will probably wish to have Lumos & Associates continue inspection. However, the MGSD staff will be able to handle the inspection for the 8" lines. Motion by Louis Neddenriep to authorize David LaBarbara to determine the amount of inspection time required for future line construction for Western Nevada Properties. Seconded by Vic Pedrojetti. Motion carried.

Steve Holton also asked the Board when Western Nevada Properties would begin receiving a rebate for the interceptor fee since Western Nevada Properties paid the capacity and interceptor fee before the main was constructed. The Board felt that the interceptor rebate should be tabled until the minutes can be researched.

Gardnerville Ranchos General Improvement District-Capacity Transfer Request--Represented by Bruce Nystrom, Bob Spellberg and Mike Rowe.  
Bruce Nystrom, president of the GRGID board related to the Board that there are two projects in the Ranchos which the GRGID board would like help with sewer service. One is the Tomerlin project and the other is Pleasantview Estates (Drayton). Mr. Nystrom presented the Board and staff data sheets on each project which he reviewed. (copies attached to the minutes) Mr. Nystrom requested that MGSD transfer capacity to GRGID so that GRGID can comply with the law. Mr. Rowe's interpretation of GRGID ordinance and N.R.S.318 would prohibit GRGID from providing partial service. Jerome Etchegoyhen asked Mr. Nystrom why GRGID would not supply capacity to the projects. Mr. Nystrom related that the available capacity is committed to the people who are in the GRGID district. Mr. Nystrom also addressed the deadlock between GRGID and MGSD at the present time. GRGID feels that the Tomerlin project should be treated as a separate issue in which special rates and rules could apply. However, their legal advises that this could not be done. GRGID is providing service to the indian tribe due to federal grant requirements. Discussion followed concerning contract of service to MGSD and annexation to GRGID. Mr. Nystrom related that GRGID gets caught in the middle with annexations due to the fact that they provide other services. GRGID requests that MGSD sell capacity at the going rate, but turn the capacity over to GRGID and adjust GRGID's rates accordingly. Discussion followed. The Board related that MGSD does not have a contract of service with Tomerlin. Mr. Tomerlin was advised that MGSD was willing to sell capacity under contract of service if he could find the means to transport the sewage. Discussion followed concerning service to people outside

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GRGID. Jerome Etchegoyhen addressed the Drayton location and where the line is to be drawn on GRGID annexations. Discussion followed on contracts of service and which are to be honored. The Vice-Chairman felt that MGSD should wait until the Supreme Court decision is made before making any decisions. Mr. Nystrom felt that the issue before the Board was separate from the Supreme Court action. Jerome Etchegoyhen addressed gallon charge vs. unit charge. The Chairman felt that the Board should take the capacity matter with GRGID under advisement. Discussion followed on monthly charges. Mr. Nystrom felt that MGSD and GRGID should work out capacity for future projects and suggested that David LaBarbara and Bob Spellberg work together and come up with a workable solution. Discussion followed regarding annexed citizens of GRGID paying more for same service if MGSD contracts sewage. Bruce Scott related that Mr. Tomerlin was willing to pay tax to both GRGID and MGSD. Mr. Rowe related that Mr. Tomerlin is willing to do anything to get service, but GRGID would be setting a precedent for future projects. Jerome Etchegoyhen felt he would like to work out something with GRGID. The Chairman felt that action would come from the Board concerning GRGID capacity when the Supreme Court renders a decision. MGSD does not know what direction they are going. Jerome Etchegoyhen felt that GRGID should start looking at the direction they are taking should they have to upsize the MGSD plant. Bob Spellberg felt that GRGID should start anew with MGSD. The Chairman related that the law suit was settled and even though MGSD was not in full agreement with the decision, they felt they could live with the decision. However, GRGID did not want to live with the decision and GRGID ultimately took the case to the Supreme Court. MGSD does not feel they can take any chances concerning the sale of capacity until the Supreme Court renders a decision. William Nelson agreed with the Chairman. Louis Nedenriep and Vic Pedrojetti felt that they did not wish to deal with GRGID concerning the capacity issue until the Supreme Court renders their decision. They both felt that Tomerlin was given a method to sewer the property. Mr. Nystrom addressed the Drayton contract of service. The Board felt that the Drayton and Tomerlin projects were similar. Mr. Nystrom related that he hoped the Supreme Court decision would come through soon so that GRGID and MGSD can work together. The Chairman tabled the GRGID discussion until the next regular meeting.

Mackland Unit 2--Discussion--Represented by Maureen Mack and Jim Vasey. Mr. Vasey related that they were present to discuss 9.59 acres, Mackland 2. Jim presented a map showing the area which has previously been approved for annexation. The application and acreage fees have been paid. Improvement plans and final map have been submitted. Mr. Vasey related that they wish to discuss the annexation agreement and hopefully have the improvement plans and final map approved. The Mack's have been advised by their legal counsel that they can do one of three things to proceed. They can sign the annexation agreement and attached addendum specifying that they are paying the capacity fee under protest, change annexation agreement to show the capacity fee is being paid under

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protest, or attach the letter from Steve Malvie to Karen Peterson dated 12/28/88 regarding payment of capacity fees under protest. The Chairman related that he did not think that Steve Malvie felt that the letter could be attached to the annexation agreement. Renee Mack related that she feels that a misunderstanding has occurred between the Mack's and MGSD and they wish to rectify the situation. Renee felt that the document concerning the easement was not clearly drawn and the "Mack's thought they were getting more than they were getting." The Mack's wish to straighten out the capacity fee dispute on a friendly basis with MGSD. Renee informed the Board that her attorney advised that a parole evidence law exists whereby it cannot merely be stipulated in the minutes that the Mack's are paying the capacity fee under protest. MGSD needs to sign a letter acknowledging that the Mack's are paying the capacity fee under protest. The Chairman felt that MGSD's legal counsel would have to be consulted. Renee presented a letter she wished MGSD to sign which would acknowledge that the Mack's were paying the capacity fee under protest. Renee read the letter aloud. Steve Malvie's letter to Karen A. Peterson, dated 12/28/88 was reviewed. Louis Neddenriep felt that the Board should consider signing the Mack letter, but felt that it should be submitted to MGSD legal counsel for review. The Chairman stated that Steve Malvie advised the letter should not be attached to the contract. Renee related that she was advised by her attorney that the Mack's must have proof that MGSD has received a letter that the capacity fee is being paid under protest. Discussion followed. Motion by Louis Neddenriep to approve the letter dated 12/28/88 from Steve Malvie to Karen Peterson. Seconded by Jerome Etchegoyhen. Motion carried.

Bruce Scott related that the Resource Concepts, Inc. letter of 12/6/88 recommends minor changes in the improvement plans and recommends approval subject to the plan changes being made. Louis Neddenriep felt that a special noon meeting could be called after discussing the paying of capacity fees under protest with Steve Malvie. The Board agreed that a special noon meeting could be called after Steve Malvie reviews the situation.

Engineer's Report: Bruce Scott reported that the bid opening for the 1988 Rehabilitation Phase II, Post Office Alley will be January 6, 1989. Bruce requested that the Board schedule a lunch meeting to review the bids and make a tentative bid award. The Board agreed to hold a lunch meeting on Wednesday, January 11, 1989 at 12:00 noon at the MGSD treatment plant. Bruce related to the board that it was necessary to have the Chairman sign the plans and specifications approval form as part of the approval to award. Discussion followed. Motion by William Nelson to authorize the Chairman to sign the plans and specifications regarding the 1988 Rehabilitation Phase II, Post Office Alley. Seconded by Vic Pedrojetti. Motion carried. Bruce related that all the project costs for the phase II rehabilitation are eligible for funding with the exception of the observation stations.

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Bruce Scott discussed the amendment agreement for engineering services for the 1988 Rehabilitation Phase II, Post Office Alley. The amendment agreement is the same format as the previous amendment agreement for rehabilitation. David LaBarbara related that MGSD's legal had reviewed the amendment agreement and found it to be in order. Bruce discussed the amendment with the Board. Fees and charges were discussed. Motion by William Nelson to authorize the Chairman to sign the amendment agreement for the 1988 Rehabilitation Phase II, Post Office Alley for Resource Concepts, Inc. Seconded by Vic Pedrojetti. Motion carried.

Bruce Scott reported that the 1988 Rehabilitation, Phase I project is 82% complete.

Superintendent's Report: David LaBarbara presented a parcel map for DiSalvo/Henningsen received from Douglas County for MGSD comment. The property is located on Hwy 756. The Board related that the property would be required to sewer from MGSD and service is possible.

David LaBarbara presented the job description for operator/trainee to the Board for review. Starting wage was discussed. Discussion followed. The Board directed that the time required to obtain an operator I license is to be changed to 1½ years and the starting salary to be \$6.00 per hour. Discussion followed concerning applicant situation. The Board directed that Bill Nelson, David LaBarbara and Jim Davis are to conduct applicant reviews and hire the operator/trainee.

David LaBarbara related to the Board that Arco AM-PM had been sent a bill for increase in capacity due to the rest room use being changed from employees only to public use. The owner has had three months to pay and the bill has not been paid. The Board directed that a letter be sent to the property owner threatening small claims court.

Meeting adjourned 11:00 P.M.

Accepted: 2-7-89

By: 



# Western Nevada Properties, Inc.

P.O. Box 2647 • 1650 Lucerne St. • Minden, NV 89423  
(702) 782-8761

August 25, 1988

Western Nevada Properties, Inc. intends to utilize subsurface rights granted through an easement from Roland and Joan Dreyer. The subsurface improvements will take place on what will be referred to hereafter as Ironwood Drive.

Western Nevada Properties, Inc. will return the surface of Ironwood Drive to the original condition prior to Western Nevada Properties, Inc. construction activity. After subsurface construction and compaction Western Nevada Properties, Inc. will overfill the construction area by four to six inches to compensate for settlement. Western Nevada Properties, Inc. will return in early spring of 1989 to level the overfill area which will allow ranching activities to resume for the new crop year.

In the event that a crop failure occurs which is directly attributable to improper grading of the construction area on Ironwood Drive Western Nevada Properties, Inc. will compensate Roland and Joan Dreyer for this lost crop. The value of this lost crop will be based on the market prices existing at the time the crop is deemed to be lost. This crop loss will be verified, if a dispute should arise between Western Nevada Properties, Inc. and Roland and Joan Dreyer, by knowledgeable persons to be agreed upon by Western Nevada Properties, Inc. and Dreyers.

WESTERN NEVADA PROPERTIES, INC.

\_\_\_\_\_  
ROLAND DREYER

\_\_\_\_\_  
DATE

Leo A. Hanly  
LEO A. HANLY  
President

9/2/88  
/Date



Pleasantview Estates/John Drayton Project

- A. GRGID's enabling ordinance guarantees water and sewer service to its residents.
- B. GRGID has required this project be annexed to its district because of its size and it being contiguous to the District.
- C. GRGID is now negotiating with John Drayton to provide water service to this project.
- D. Because the sewer interceptor line that runs through the Drayton project is owned by MGSD, an agreement has been made between MGSD and Drayton to provide sewer service based upon an out of district contract.
- E. Once this project is annexed into GRGID, GRGID will be mandated to provide sewer service to this project.
- F. Because of the circumstances of MGSD owing the interceptor and taking ownership of the laterals, mains, etc., there will be a problem with GRGID supplying sewer service to this project after annexation.
- G. GRGID requests that an acceptable agreement be made between the two districts for transfer of ownership of capacity, mains, laterals, etc.. At the time this agreement is reached a method of payment for the additional flow should be made also.

Presentation on request for transfer of sewer capacity to  
Gardnerville Ranchos General Improvement District for Valley  
Investment West/Bill Tommerlin and Pleasantview/Drayton

The two projects mentioned above are different in circumstances therefore they will be handled separately.

Valley Investment West/Bill Tommerlin

- A. GRGID's enabling ordinance guarantees water and sewer service to its residents.
- B. GRGID has required this project be annexed into its district because of its size and its being contiguous to the District.
- C. GRGID will be providing water service to this project as mandated by law.
- D. MGSD has approved an out of district contract for sewer service to this project.
- E. Once the project is annexed to GRGID, GRGID will be required to provide sewer service.
- F. The MGSD out of district contract for sewer service would become null and void because of GRGID's mandate to provide this service to its residents.
- G. GRGID therefore requests that MGSD transfer the capacity it has approved for the Valley Investments West/Tommerlin project to GRGID, in order for GRGID to meet its requirements set down by law.

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, WEDNESDAY, JANUARY 11, 1989, 12:00 NOON,  
BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

12:00 Noon-Call to Order

12:05 1988 Rehabilitation Phase II--Post Office Alley--Tentative  
Bid Award

12:20 Superintendent's Report

12:35 Public Commentary

12:45 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL JANUARY 12, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Wednesday, January 11, 1989, 12:00 Noon,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada.

Board Members Present:

Jerome Etchegoyhen, William Nelson, Louis Neddenriep and Daniel Hellwinkel.

Staff Members Present:

David LaBarbara and Bruce Scott

Others Present:

Jim Yurczyk and Maureen Mack

1988 Rehabilitation Phase II--Post Office Alley--Tentative Bid Award:  
Bruce Scott presented a list of ten bidders on the Post Office Alley sewer line rehabilitation. Sutter Construction was the low bidder and their bid is in order. Discussion followed concerning having numerous compaction tests done during construction. Motion by Louis Neddenriep to tentatively approve the Sutter Construction bid of \$145,795.00 for the 1988 Rehabilitation Phase II--Post Office Alley, and that Sutter Construction be put on notice that compaction on the project will be carefully monitored. The Chairman is authorized to sign all documents relating to EPA approval and funding on the project. Seconded by William Nelson. Motion carried.

Bruce Scott discussed a change order for the 1988 Sewer Rehabilitation Phase I. It extends the project time limit. No additional costs will be charged. Motion by William Nelson to approve change order #2 for the 1988 Sewer Rehabilitation Phase I suspending the contract time until weather conditions permit. Seconded by Louis Neddenriep. Motion carried.

Jim Yurczyk explained the problem with the air header pipe. The pipe is leaking below the floor slab. CWC-HDR, Inc. recommends abandoning the pipe below the floor and installing a pipe by core-drilling through the building wall and running the pipe outside a few feet before going under ground. Motion by William Nelson to authorize Pacific Mechanical Corporation to proceed with the repair of the air header as described. Itemized time and materials accounting will be provided to the Board. Seconded by Louis Neddenriep. Motion carried.

The Board discussed sending a letter to Duane Mack about paying fees for Mackland II under protest. Motion by Jerome Etchegoyhen that the letter from MGSD to Duane Mack be signed by the Chairman. A copy of the letter should be attached to the minutes. Seconded by William Nelson. Vote: 3 ayes, being Daniel Hellwinkel, Jerome Etchegoyhen and William Nelson. 1 nay, being Louis Neddenriep. Motion carried.

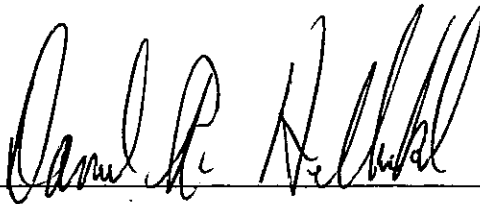
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Motion by William Nelson to confirm the previous annexation agreement with Mack Land and Cattle Company. Seconded by Jerome Etchegoyhen.  
/ Vote: 3 ayes, being Daniel Hellwinkel, Jerome Etchegoyhen and William Nelson. 1 nay, being Louis Neddenriep.

Motion by Jerome Etchegoyhen to approve Mackland II improvement plans subject to Bruce Scott's approval and acceptance to the District in writing. Seconded by William Nelson. Vote: 3 ayes, being Daniel Hellwinkel, William Nelson and Jerome Etchegoyhen. 1 nay, being Louis Neddenriep. Motion carried.

Meeting adjourned 1:30 P.M.

Accepted: 2-7-89 By: \_\_\_\_\_



# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

January 11, 1989

Duane E. Mack  
President  
Mack Land and Cattle Company  
P. O. Box 116  
Minden, Nevada 89423

Dear Mr. Mack:

Enclosed please find the executed annexation agreement required by MGSD for map approval of Mackland II. As you know, Mack Land and Cattle signed this agreement under protest and, in the future will pay under protest, capacity fees when required in the future. In light of the dispute presently going on between Mack Land and Cattle and Minden-Gardnerville Sanitation District in regard to whether or not Mack Land and Cattle has to pay the capacity fees at all, it is understood by Mack Land and Cattle Company and Minden Gardnerville Sanitation District that the mere signing of the annexation agreement is in no way an admission or acknowledgement that capacity fees are, in fact, payable.

Sincerely yours,

Minden-Gardnerville Sanitation District

By:   
Daniel R. Hellwinkel

DH/bfs

# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, FEBRUARY 7, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

- 7:30 P. M. Call to Order
- 7:35 Mintues of January 3, 1989 and January 11, 1989
- 7:45 CWC-HDR, Inc.--Digester & Headworks Design
- 8:10 Gardnerville Ranchos General Improvement District--Discussion of Sewer Capacity
- 8:35 Mackland Unit 2--Reserved Capacity Discussion
- 8:55 Attorney's Report
- 9:05 Dr. David Johnson--Capacity Request
- 9:15 Western Nevada Properties--Line Acceptance & Apartment Reimbursement Procedure
- 9:25 Wass Shopping Center--Plan Approval & Capacity Request
- 9:35 Raymond M. Smith--Stonegate-Capacity Request
- 9:45 Bill Keuper--Valley Villa--Plan Approval & Capacity Request
- 10:05 Sleeping Room Ordinance Change
- 10:15 Engineer's Report
- 10:35 Superintendent's Report
- 10:50 Secretary's Report
- 11:00 Public Commentary
- 11:10 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following items will be considered as time permits between the above scheduled items: Engineer's Report, Superintendent's Report & Secretary's Report.

All persons attending the meeting are required to sign the guest register.

# **Minden-Gardnerville Sanitation District**

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, February 7, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

~~Board Members Present:~~

Daniel Hellwinkel, Vic Pedrojetti, Jerome Etchegoyhen and Louis Neddenriep

~~Staff Members Present:~~

David LaBarbara, Bruce Scott and Bonnie Sarasola

~~Others Present:~~

Bill Peterson, Rob Williams, Maureen Mack, Joan Dreyer, Andy Burnham, Mike Rowe, Bruce Nystrom, Bob Spellberg, Paul Lumos, Brian Jones, David Johnson, Steve Holton, Raymond Smith, Bill Keuper, Jeff and Chet Wass.

Minutes of January 3, 1989 and January 11, 1989 were read. Motion by Louis Neddenriep to accept the minutes of January 3, 1989 and January 11, 1989. Seconded by Vic Pedrojetti. Motion carried.

~~CWC-HDR, Inc. - Digester and Headworks Design~~ - Represented by Rob Williams. Mr. Williams presented a notice of completion for Henderson Construction for the primary clarifier project and requested authority from the Board to advertise. Bill Peterson informed the Board that Bob Henderson has not signed the release which deals with the brick work dispute. Discussion followed concerning advertising time frame and signed release from Henderson. Motion by Louis Neddenriep to advertise the notice of completion for Henderson Construction for the primary clarifier project. Seconded by Vic Pedrojetti. Motion carried.

Rob Williams distributed copies of design memorandum summary for mechanical bar screen and anaerobic sludge digester to the board and staff. (copy attached to the minutes) Rob discussed option 1 and option 2 relating to the head works. Option 1 could be constructed for approximately \$60,000 less than option 2. Option 1 would be constructed after the influent pump station and option 2 would require construction prior to the influent pump station. Construction prior to the influent pump station would catch rags prior to the influent pump station. David LaBarbara related that MGSD has never experienced any problems with obstructions prior to the influent pump station but it could happen. The Board reviewed the bar screen prior to the influent pump station and after the influent pump station. David LaBarbara voiced concern about extreme cold weather with no building protection. Rob related that building construction would be an additional \$150,000 to \$200,000. Discussion followed concerning cold weather conditions, odor, etc. Rob requested concurrence from the Board so that the design process could begin. Discussion followed concerning the extra protection which could be gained from option 2.

Rob Williams then reviewed option 1 of the digester design which would cost approximately \$779,400, replacement of existing floating cover, \$156,000 and modifications to old digester \$141,100. Rob recommended that the old digester be inspected after the new digester is built to



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determine the extent of damage to the old digester. Rob explained that the old digester would be used for standby use and gas storage. The Board directed that they wished gas storage in the new digester and the old digester to be used as a stand by. Discussion followed concerning the use of the old and potentially new digesters. Discussion followed concerning the modified waste gas burner. Rob discussed the advantage of the egg shaped digester. Designs were reviewed and discussed. Rob related that CWC-HDR, Inc. would stop the design process until decisions were made by the Board. The Board directed that the head works and digester design be tabled until the next regular meeting.

Rob Williams discussed an alarm system which could be installed when failure occurs at the plant. An automatic dialer could be implemented which would detect the alarm problem and would dial up to four phone numbers. The system would continue dialing until someone is reached. The system uses regular telephone lines. The approximate cost is \$5,000.00. The Board directed David LaBarbara to review the brochure on the alarm system and report to the Board at the next regular meeting.

Rob Williams related that the solids contact aeration project is complete except for a few minor items. David LaBarbara related that he should be able to report to the board at the next regular meeting how it is operating.

~~Gardnerville Ranchos General Improvement District Discussion of Sewer Capacity~~; GRGID representatives present were: Bruce Nystrom, Bob Spellberg, Brian Jones and Mike Rowe. Chairman Hellwinkel related to the GRGID representatives that a discussion had taken place with MGSD legal counsel, Bill Peterson concerning possible additional capacity being provided to GRGID. Chairman Hellwinkel then asked Bill Peterson to discuss the possibility of providing additional capacity to GRGID. Mr. Peterson related that the GRGID contract and MGSD ordinance has been reviewed and it would appear that it would be possible to contract capacity. The 1974 GRGID contract is terminated, but capacity could be provided on contract on the same basis as anyone else who contracts with MGSD. The contract would be based on an EDU basis, not gallons basis and the flows would have to be separately metered and monitored. The Chairman related that the whole board has not decided definitely to serve GRGID on a contract basis and only asked Bill Peterson to review the situation. Bill Peterson felt that by contracting, MGSD could accommodate GRGID's capacity problem. The Chairman asked for comment from the GRGID representatives. Bruce Nystrom asked about infra structure. Bill Peterson replied that MGSD would only monitor the flows. For instance, Tomerlin would tell GRGID the amount of capacity he would require and GRGID would contract with MGSD. Discussion followed on who would put in flow meters and maintain them. Bill Peterson felt that the meters would have to be part of the contract and addressed the fact that the flow meters should be subtracted out of GRGID's initial 400,000 gallons, otherwise GRGID would be charged twice until the 400,000 gallons is exhausted. GRGID would have to go through the normal

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hearing process. Discussion followed concerning future annexations, annexations contingent upon capacity availability from MGSD, property owner making application to MGSD in GRGID's name or GRGID making the application, capacity would be allocated to the property it is to serve. Bill Peterson felt that in his opinion GRGID should annex the property to their district and then apply to MGSD for capacity. Discussion followed concerning MGSD ordinance on annexation and contracts. David LaBarbara felt that a section could be added to the MGSD ordinance to allow an entity such as GRGID to apply for capacity. Discussion followed on time frame involved to amend MGSD ordinance and contract of service. The Chairman related that possible acquisition of additional capacity is only under discussion and felt that the MGSD Board would have to know the feeling of the GRGID Board before proceeding further. Andy Burnham related that he felt Tomerlin would be in agreement. The Chairman felt that if the MGSD Board decided to proceed, the mechanics could be put together and possibly call a special meeting. Bruce Nystrom felt that the GRGID Board was ready to proceed with obtaining capacity from MGSD for the Tomerlin project. The Chairman related that he felt he was getting the feeling from Mr. Nystrom that GRGID would be willing to proceed with MGSD's proposal regarding sale of capacity. The GRGID Board members thanked the MGSD Board members.

Mackland Unit 2-Reserved Capacity Discussion--Represented by Maureen Mack. Renee presented copies of minutes and documents to the Board and staff which had been hi-lited with a hi-liter pen in various places. Renee reviewed the hi-lighted portion of each document. (documents attached to the minutes) Renee also informed the Board that she had done some research concerning easement purchase in the valley and could only find one easement purchase comparable to the Mack easement being an easement purchased by Western Nevada Properties from Dreyer at a cost of \$135,000. Using comparison figures, the Mack easement would be worth \$276,530. Renee also pointed out that using 350 gallons per EDU X 142 units @ \$300.00, the capacity fee cost would have been \$42,600 back when the agreement was originally negotiated and admittedly, the easement would have probably been worth about \$35,000 at that time. Renee advised the board that "this is a mess and we would like to get it straightened out." Renee related that Mack's legal counsel has advised that "they have a leg to stand on." Bill Peterson asked Ms. Mack what she wished from MGSD. Renee replied that she did not feel that Mack owes MGSD any money for capacity fees and that the capacity is on MGSD's list of people with paid capacity. Louis Neddenriep stated that Mack's are guaranteed they have 50,000 of reserved capacity. The other people on the list have reserved capacity since they were grandfathered in the district. The other people on the list will have to pay the going rate. Bill Peterson addressed the three houses on the Mack Ranch and the free monthly service fee for a period of 25 years. The Chairman addressed the fact that Western Nevada Properties had paid \$135,000 for their easement and had also spent some \$400,000 to construct the line. Mack has not paid any interceptor costs. Louis Neddenriep asked Ms. Mack if the Mack's wished to have the easement appraised? Renee replied "no because they have capacity in the agreement." "Why can't they come to terms with what already was done?" Bill Peterson related to the Board

that Renee is saying that Mack's have 50,000 gallons of paid capacity plus the three houses. Renee related that she did not feel that what has happened is the Board's fault, but the fault of MGSD legal counsel. Renee related that Mack's are willing to go back to the capacity fee at the time the agreement was drawn which was about \$300.00 X 142 units which equals \$42,600. David LaBarbara addressed a possible pay back fee on the interceptor line. Renee related that she felt the connection fee should be paid, but she feels there is a discrepancy on the capacity fee. Discussion followed. The Board directed that the Mack capacity fee matter be tabled until the MGSD Board makes a decision at which time the Mack's will be notified. The Chairman advised Renee that she may request to be on the MGSD agenda whenever she wishes.

Attorney's Report: The Board discussed changing the MGSD ordinance to allow for GRGID contracts. The Board directed Bill Peterson to review the ordinance and make the necessary ordinance change for board approval. Bruce Scott felt that GRGID should earmark the capacity for a certain piece of property and it should all be treated separately from the rest of GRGID. Bill Peterson agreed with Bruce Scott. Motion by Louis Neddenriep to authorize Bill Peterson to review the MGSD ordinance and make ordinance change recommendation to accommodate contract of service for GRGID. Seconded by Vic Pedrojetti. Discussion followed on possible other governmental agencies who may be in a similar situation concerning capacity. Vote: 4 ayes, 0 nays. Motion carried. The Board directed Bill Peterson to have the ordinance change recommendation ready for the next meeting. Jerome Etchegoyhen felt he would like Bill Peterson to look into the Mack matter more thoroughly. The rest of the Board agreed and directed Bill Peterson to do so.

Bruce Scott presented three copies of the contract for the 1988 Rehabilitation-Phase II Post Office Alley which require Bill Peterson's signature as legal counsel. Bruce requested that Bill Peterson take the documents and sign them and then forward to Chairman Hellwinkel for signature. The specification form has been previously reviewed and approved. Discussion followed. Motion by Vic Pedrojetti to authorize Bill Peterson to review the Joe Sutter Construction contract for the 1988 Rehabilitation-Phase II, Post Office Alley and to make any necessary corrections. The Chairman is authorized to sign the contracts when they are received from Bill Peterson. Seconded By Jerome Etchegoyhen. Motion carried.

Dr. David Johnson Capacity Request--Represented by David Johnson. David LaBarbara presented previously approved plans for 4.4 EDU's for an office building being constructed on County Road and Hwy. 88. Dr. Johnson has submitted additional building modifications for five drains which will require the purchase of 1.0 unit of additional capacity. Motion by Louis Neddenriep to sell 1.0 unit of capacity to Dr. Johnson for the office building located on County Road and Hwy. 88 under the

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modified moratorium motion of August 2, 1988. The capacity fee and connection fee is to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by Jerome Etchegoyhen. Motion carried. David LaBarbara reminded Dr. Johnson that the fee has to be paid in 90 days.

Western Nevada Properties-Line Acceptance and Apartment Reimbursement Procedure--Represented by Steve Holton. Mr. Holton asked the Board if the Western Nevada Properties line has been accepted? David LaBarbara read the motion from the January 3, 1989 minutes and also related that he thought the situation had changed due to advice from MGSD legal counsel. A letter dated January 18, 1989 was sent to Dreyer's by MGSD legal counsel. (copy of letter attached to minutes) Steve Holton asked Mrs. Dreyer who was present if she had any comments? Mrs. Dreyer had no comments. Mr. Holton related that Western Nevada Properties has an obligation to Dreyer's which does not involve MGSD regarding some road and fence repair and also laser leveling that has not been done due to weather conditions. Mr. Holton and Mrs. Dreyer discussed establishing a dollar figure for the laser leveling of the 80 foot strip. The Chairman voiced concern that if the property owner is not satisfied with the line construction and MGSD accepts the line, then the owner will come to MGSD with their complaints and it becomes MGSD's problem. Mr. Holton related that there are no surface rights, since the easement is underground only. Louis Neddenriep addressed the possibility of Western Nevada Properties putting up a bond for the laser leveling. Mr. Holton related that there are written guarantees to Dreyer's signed by Hanley. Mrs. Dreyer voiced concern over the possibility of Western Nevada Properties selling the project and Western Nevada Properties obligation to Dreyer's not being passed on to the buyer. Mrs. Dreyer felt that the burden would fall back on the Dreyer's. Bill Peterson reiterated that MGSD is not responsible for the surface of the easement, since MGSD has no surface rights. The Chairman felt that any problems should be resolved up front. Mrs. Dreyer related that they have worked well with Steve Holton, but they have had problems with Hanley. Louis Neddenriep suggested that Western Nevada Properties and Dreyer's come up with a figure and put that amount of money in a bank account for two years to insure Dreyer's satisfaction. Bill Peterson agreed with putting money in a bank account and also suggested posting a letter of credit. Jerome Etchegoyhen suggested recording a contract so that Western Nevada Properties obligation to Dreyer's would follow the property. Mrs. Dreyer felt that \$10,000 in security would be satisfactory. Steve Holton stated that Western Nevada Properties would put up a \$10,000 bond if the cost of the bond was under \$1,000. Louis Neddenriep felt the line could be accepted if MGSD receives a letter from Dreyer's stating that they are satisfied with the bond. The Chairman felt the line could be accepted with the stipulation that there is no responsibility to MGSD whatsoever above ground. Bill Peterson related that the letter sent to Dreyer's dated January 18, 1989 states that MGSD is not responsible for the condition of the easement and as a matter of law MGSD is not responsible

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for anything in the easement above ground. Motion by Jerome Etchegoyhen to accept the underground portion of Western Nevada Properties line that is installed as of this date as shown on the as-built drawings recommended to the Board by Rob Williams and Lumos & Associates. Seconded by Louis Neddenriep. Motion carried.

Steve Holton asked the Board how the interceptor fee will be handled for the apartment complex project now that the interceptor has been constructed? Is the interceptor fee credit available? David LaBarbara presented an overall site plan and improvement plans for the Western Nevada Properties apartment project. The Board directed that the interceptor fee of \$650.00 per EDU is to be credited as capacity is allocated and purchased for the apartment project. Steve Holton related to the Board that he misunderstood when the interceptor reimbursement would be paid to Western Nevada Properties concerning the Winhaven project. David LaBarbara explained that line construction is required to the end of the property line. Mr. Holton requested that the Board consider a partial interceptor refund of 77% since 77% of the interceptor has been completed. Discussion followed. The Chairman felt that only part of the Winhaven interceptor fee could be refunded. However, the rest of the Board felt that the interceptor had to be constructed to the end of the Winhaven property line before a refund could be given. Discussion followed, concerning bought and paid capacity and approvals. The Board informed Mr. Holton that when the interceptor is completed to the end of the Winhaven property and approved by MGSD, the interceptor fee for the 56 purchased units of capacity will be refunded. However, permits will not be issued until the service lines are in and approved. Mr. Holton requested an acceptance letter from MGSD on the portion of the interceptor accepted by the Board. The Board directed David LaBarbara to write an acceptance letter based on the motion accepting the completed portion of the interceptor.

~~Wass Shopping Center~~ Plan Approval and Capacity Request - Represented by Jeff and Chet Wass. Plans were presented for a retail building to be located near the previously approved car wash and minute lube located at Hwy. 395 and Industrial Way. The representatives requested 12.0 units of capacity. The building will be built as a shell and then be divided up into rental units as occupancy requires. Discussion followed on capacity requirements. The Chairman suggested that the minimum amount of capacity use be purchased. Discussion followed concerning moratorium requirements, rough in drains, restroom combinations, etc. The representatives requested plan approval for their building and 10.0 units of sewer capacity. Bruce Scott related that he had reviewed the internal plans and can look at the lateral. Motion by Louis Neddenriep to approve the plans for the retail building in the Wass Shopping Center located at Hwy. 395 and Industrial Way and to sell 10.0 units of capacity under the August 2, 1988 modified moratorium motion. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Changes in the plans are to be made if requested by Bruce Scott. Seconded by Vic Pedrojetti. Motion carried.

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~~Raymond M. Smith-Stonegate-Capacity Request~~-Represented by Raymond Smith. David LaBarbara informed the Board that Mr. Smith was before the Board in May of 1988 and had been approved for 6.0 units of capacity for the build out which would total 17.0 units. Mr. Smith did not pay for the units in the time frame allowed by the moratorium and therefore is again requesting capacity for the same 6.0 units. David presented a map to refresh the Board's memory concerning the project. Discussion followed. Motion by Jerome Etchegoyhen to sell 6.0 units of capacity for the Stonegate project subject to the modified moratorium motion of August 2, 1988. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by Vic Pedrojetti. Motion carried. David LaBarbara reminded Mr. Smith that he had 90 days to pay for the capacity.

~~Valley Villa-Bill Keuper-Plan Approval & Capacity Request~~-Represented by Bill Keuper. David LaBarbara presented plans for the Valley Villa concept previously approved by the Board. Mr. Keuper presented a plot map for review. The Board was informed that the main line and stubs were already constructed in Village Way. Discussion followed. Mr. Keuper requested plan approval and 8.0 units of capacity. Bruce Scott explained to Mr. Keuper that separate sewer services would have to be provided if they were to be sold as separate units. Mr. Keuper related that he intends to be the owner and use the complex as rentals. The project will be built in two-four plex units. Motion by Vic Pedrojetti to approve the plans for Bill Keuper for two-four plex units in Valley Villa located on block B, lot B and to sell 8.0 units of capacity under the modified moratorium motion of August 2, 1988. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by Jerome Etchegoyhen. Motion carried. David LaBarbara reminded Mr. Keuper that he had 90 days to pay for the capacity.

Sleeping Room Ordinance Change: David LaBarbara read the current ordinance regarding sleeping rooms. The Chairman suggested  $1/3$  unit of capacity = 3 fixtures per sleeping room. Discussion followed. The Board generally agreed that  $1/10$  of a unit should be charged for every drain over 3 standard drains. Discussion followed. Motion by Louis Neddenriep to change the ordinance to reflect that  $1/3$  of a unit of capacity = 3 fixtures per sleeping room and any additional drains per room are to be charged an additional  $1/10$  of a unit of capacity. Seconded by Jerome Etchegoyhen. Motion carried.

Engineer's Report: Bruce Scott informed the Board that the Carson Valley Inn line is nearly completed. The encroachment permit for the state is in the name of MGSD. Discussion followed concerning the responsibility of MGSD regarding the encroachment permit.

Bruce Scott related that a pre-construction conference is being scheduled with Joe Sutter for the 1988 Rehabilitation-Phase II-Post Office Alley project, although construction will not begin until the weather is better. Bruce told Sutter that MGSD will run compaction tests right

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behind him.

Bruce Scott reported that all the pipe has been laid and lateral work completed for the 1988 Rehabilitation-Phase I. The little remaining work will be completed when the weather warms up.

Bruce Scott discussed draft changes in the ordinance for sewer construction and requested direction from the Board concerning pipe materials. Bruce asked if the Board wished to use ACP pipe as an alternate on specifications? Discussion followed. The Board directed that ACP pipe should be taken out.

Bruce Scott informed the Board that the title company has given Resource Concepts the next to the last set of deeds and drafts for the completion of the system mapping project.

~~Superintendent's Report:~~ David LaBarbara read a letter to the Board received from Rich Drew concerning the possibility of MGSD receiving septic tank sludge. A lengthy discussion followed concerning feasibility, how the waste could be handled, costs for MGSD and improvements which would be required. David was directed to write a letter to Mr. Drew addressing possible adverse impact on facility, additional personnel and additional improvements. Any additional discussion concerning MGSD handling septic tank sludge should be made an agenda item.

David LaBarbara presented a letter from Freeman and Williams asking for MGSD's accounting business. The Secretary related MGSD is on contract with Coleman and Caine until the 1990 audit is completed.

David LaBarbara reported that Douglas County Sewer Improvement District has supplied MGSD with an effluent disposal map if anyone is interested in seeing it.

David LaBarbara related that the asphalt on the MGSD premises is deteriorating. It has been approximately eight years since it was sealed. The Board directed to wait until spring to discuss the asphalt.

David LaBarbara asked for direction concerning the anniversary pay increases per the July 5, 1988 personnel session. Does the anniversary increase go into effect on the employees anniversary or at the beginning of the fiscal year? The Board directed that the increase is effective at the beginning of the new fiscal year.

~~Secretary's Report:~~ Bonnie Sarasola discussed the outstanding past due engineering fees billing which has been sent to Peterson, Clark and McTee and also Holman and asked for Board direction. Discussion followed. The Board is concerned that the property could be sold and MGSD would not receive the engineering fees reimbursement. The Board

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directed that the Secretary should try to lien the property for the  
/ outstanding engineering fees.

Meeting adjourned at 11:30 P.M.

Approved: 3-7-89

By: 



**DESIGN MEMORANDUM SUMMARY  
MINDEN-GARDNERVILLE SANITATION DISTRICT  
MECHANICAL BAR SCREEN AND ANAEROBIC SLUDGE DIGESTION**

**January 1989**

**INFLUENT MECHANICAL BAR SCREEN OPTIONS:**

**Option 1--Bar Screen After Influent Pumping Station**

See Figure III-1. Estimated construction cost \$263,000.

**Option 2--Bar Screen Prior to Pumping**

See Figure III-3. Estimated construction cost \$335,600.

Recommend Option 1--Bar Screen After Influent Pumping Station be constructed.

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**MODIFICATIONS TO EXISTING DIGESTER COVER:**

**Option 1--Repair of Existing Floating Cover**

Repair cost not estimated. Requires inspection by factory representative.

**Replacement with New Floating Cover**

Estimated construction cost \$156,000

**Replacement with a Membrane Cover**

See Figure III-10. Estimated construction cost \$200,000.

Recommend inspection by factory representative to establish the condition of the existing steel cover and estimate cost of repair.

**DIGESTION OPTIONS:**

Comparison based on meeting year 2005 conditions.

**Option 1--Conventional Digester Design 250,000 gallons**

Digester with new heat exchanger	\$ 779,400
----------------------------------	------------

See Figure III-7

Replacement of Existing Floating Cover	156,000
--	---------

Modification to Existing Digester Floor	141,100
---	---------

See Figure III-11 and III-12

TOTAL	----- \$1,076,500
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### **Option 2--Egg-Shaped Digester 250,000 gallons**

Egg-Shaped Digester with new heat exchanger	\$ 1,200,600
See Figure III-8 and III-9	
Replacement of Existing Floating Cover	156,000
Modification to Existing Digester Floor	141,100
	-----
TOTAL	\$1,497,700

### **Option 3--Conventional Digester Design 150,000 gallons**

Digester with new heat exchanger	\$ 688,300
Similar to Figure III-7	
Replacement of Existing Floating Cover	156,000
Modification to Existing Digester Floor	141,100
Pump Mixing System and Boiler Building	183,500
	-----
TOTAL	\$1,168,900

### **STAGED CONSTRUCTION OPTIONS**

#### **Option 1--Conventional Digester Design 250,000 gallons**

Construct the digester, replace the existing cover, and modify the floor. In the future (five to eight years) replace the existing boiler.

Initial cost \$995,200                      Future cost \$ 81,300 (plus inflation)

#### **Option 2--Egg-Shaped Digester 250,000**

No portion of the construction may be postponed.

Initial cost \$1,497,700

#### **Option 3--Conventional Digester Design 150,000**

Construct the digester, replace the existing cover and modify the floor. In the future (five to seven years) convert the existing digester back into a primary by adding mixing and another boiler.

Initial cost \$904,100                      Future cost \$264,800 (plus inflation)

Recommend that Option 1--A 250,000 gallon conventional digester will be constructed initially using the existing heat exchanger. A larger heat exchanger would be installed in the future. This converts the existing digester to an unheated secondary digester for gas and sludge storage.

This option does not include a brick veneer to match the existing architectural theme. Adding the veneer with a 2-inch layer of insulation adds about \$45,000.

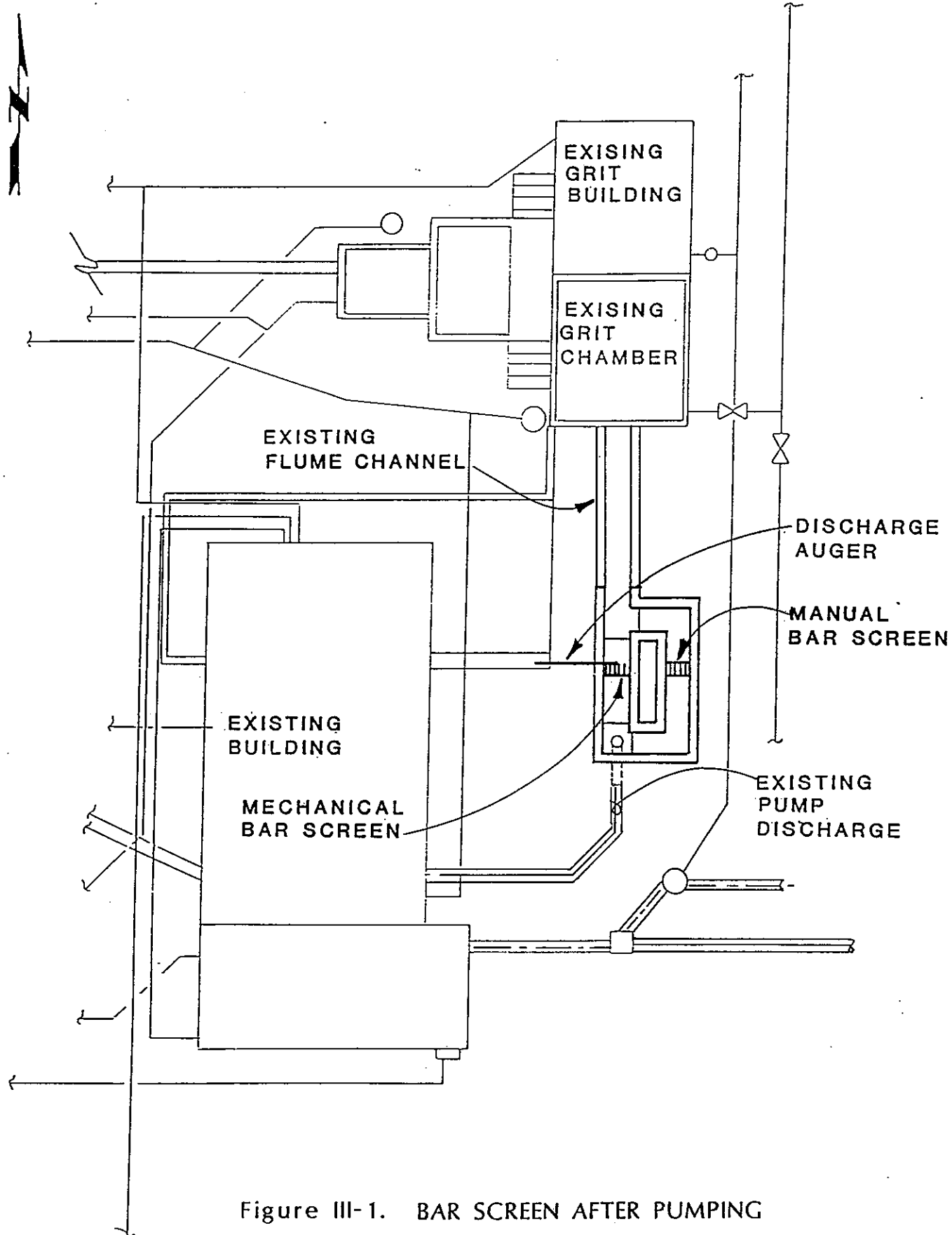


Figure III-1. BAR SCREEN AFTER PUMPING

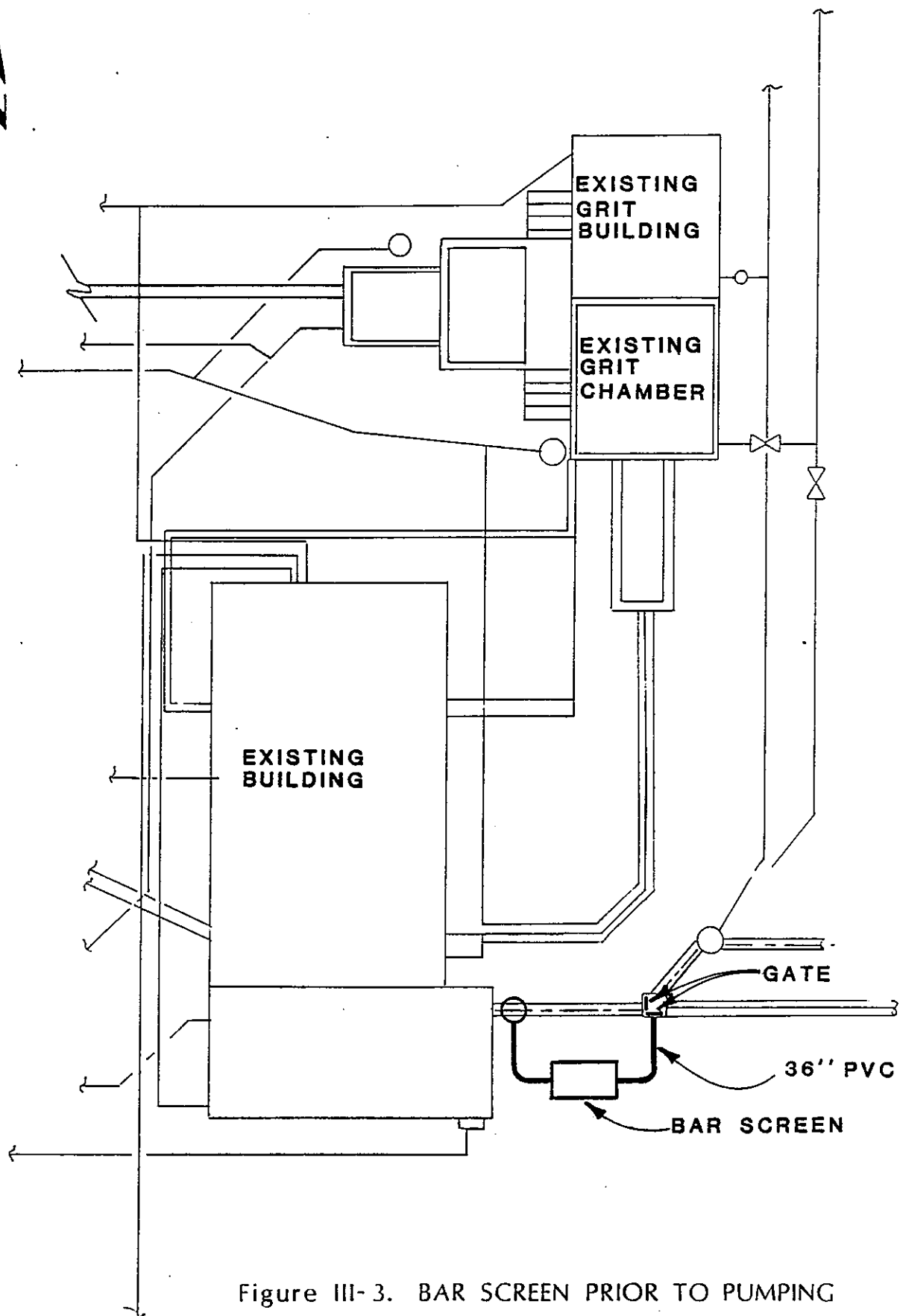


Figure III-3. BAR SCREEN PRIOR TO PUMPING

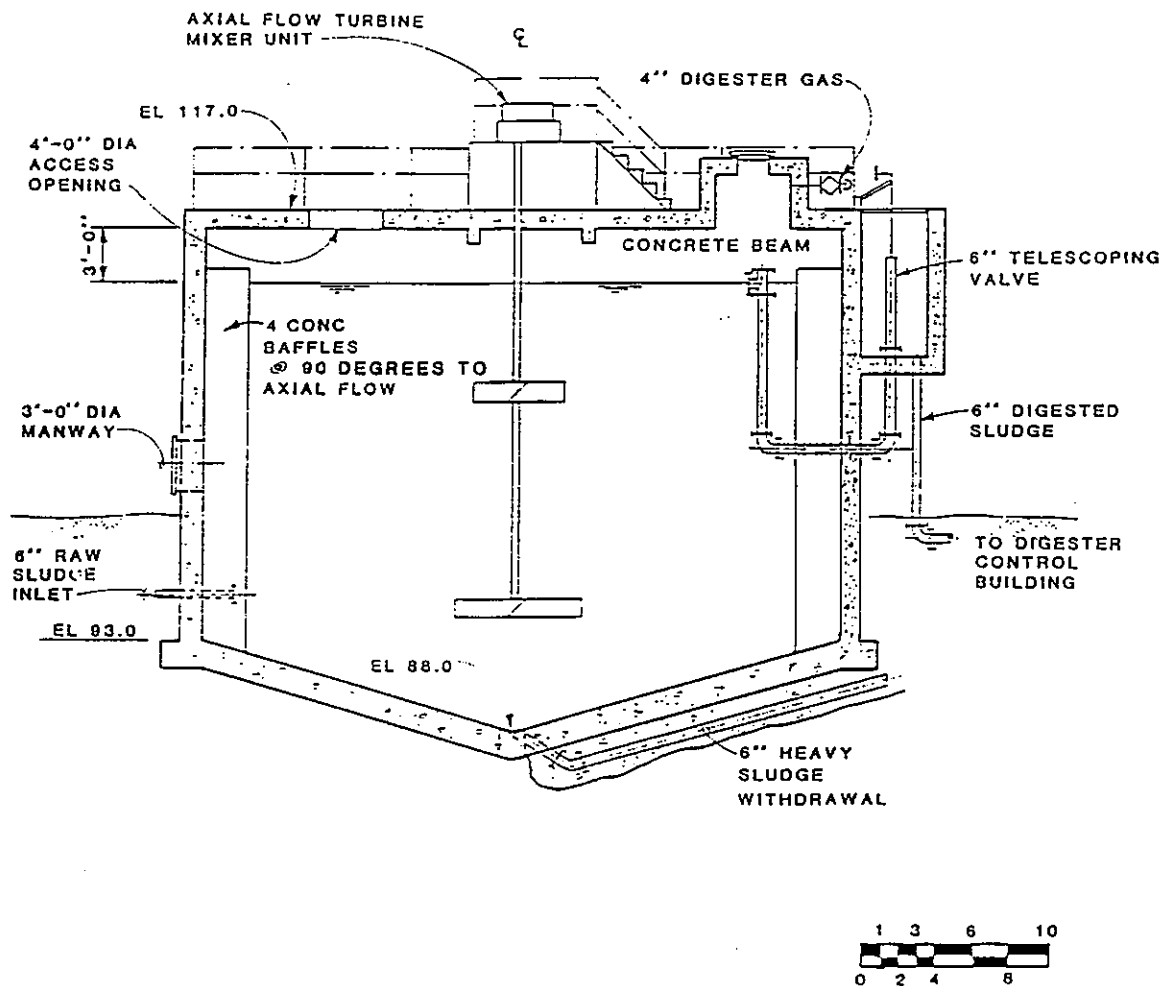


Figure III-7. CONVENTIONAL DESIGN ANAEROBIC DIGESTER SECTION

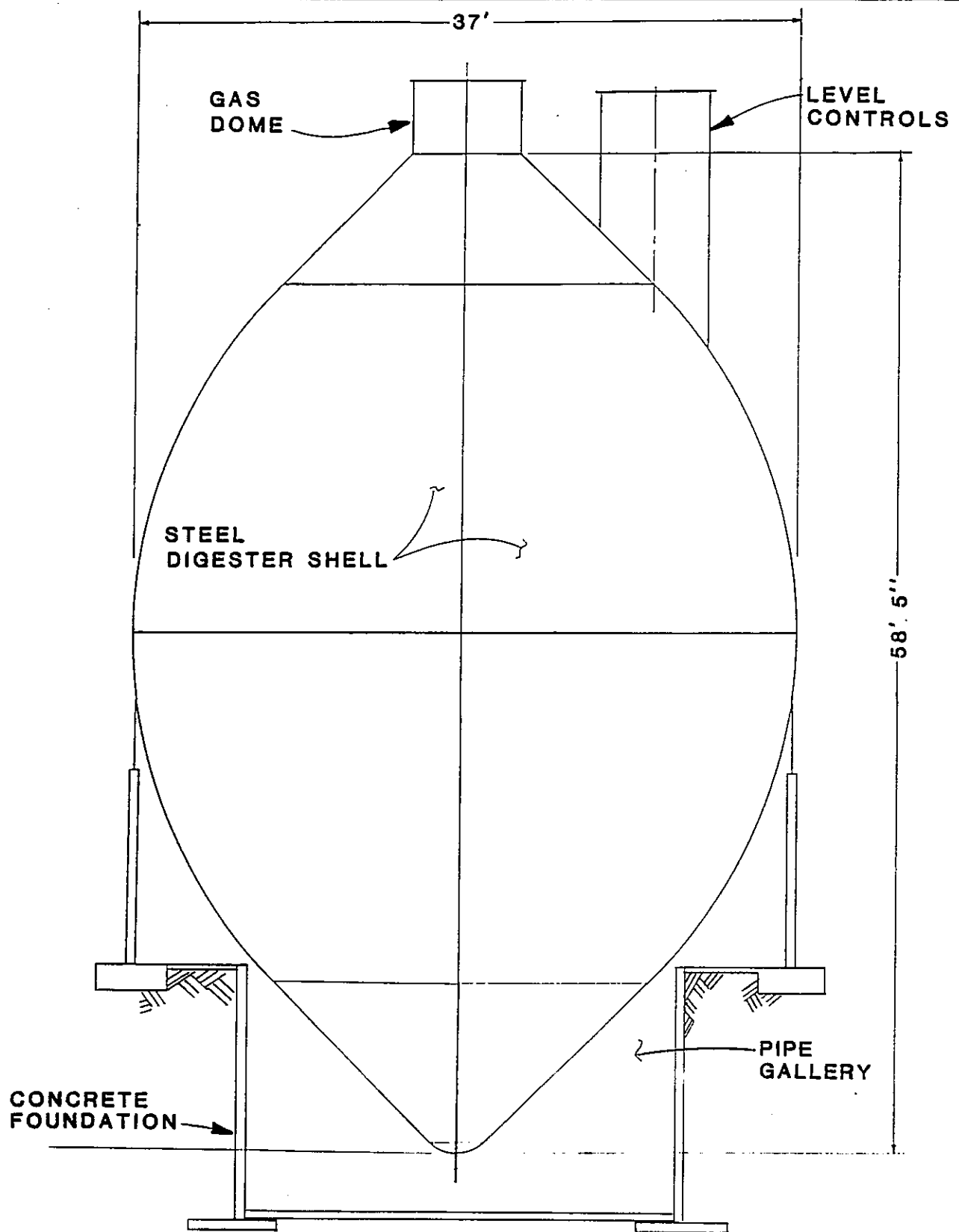


Figure III-8. TYPICAL EGG DIGESTER - 250,00 GALLONS



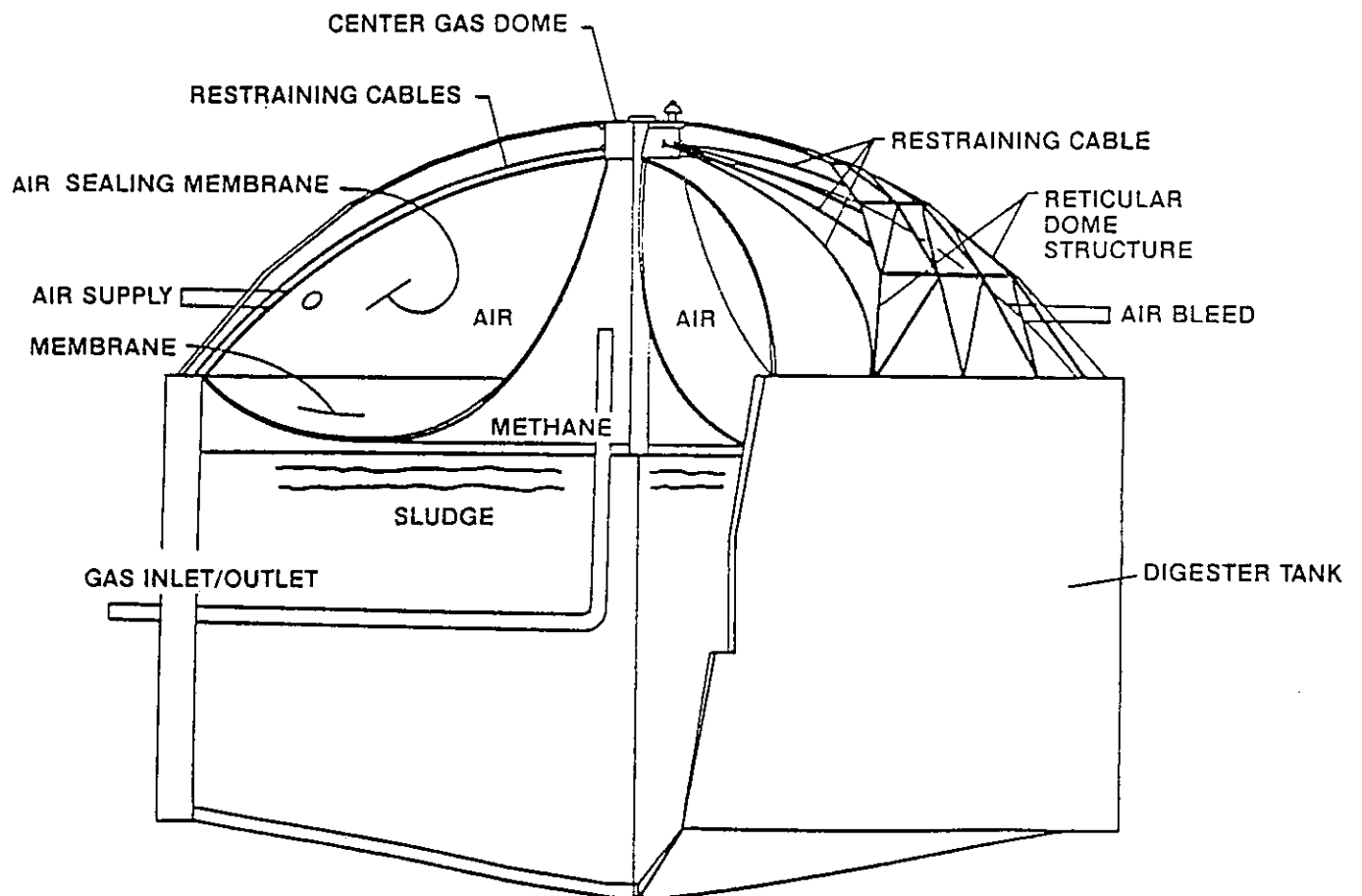


Figure III-10. MEMBRANE COVER FOR EXISTING DIGESTER



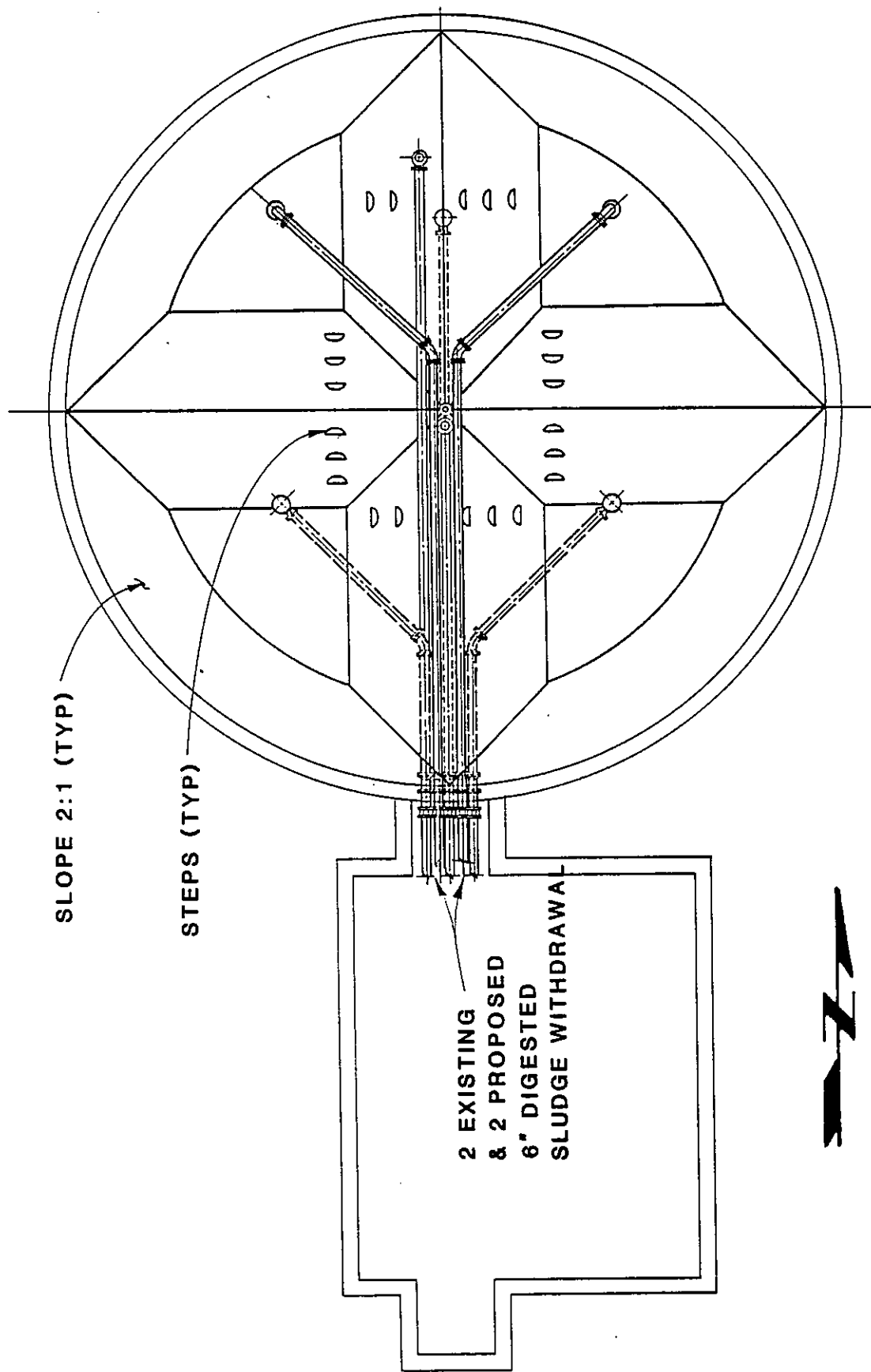
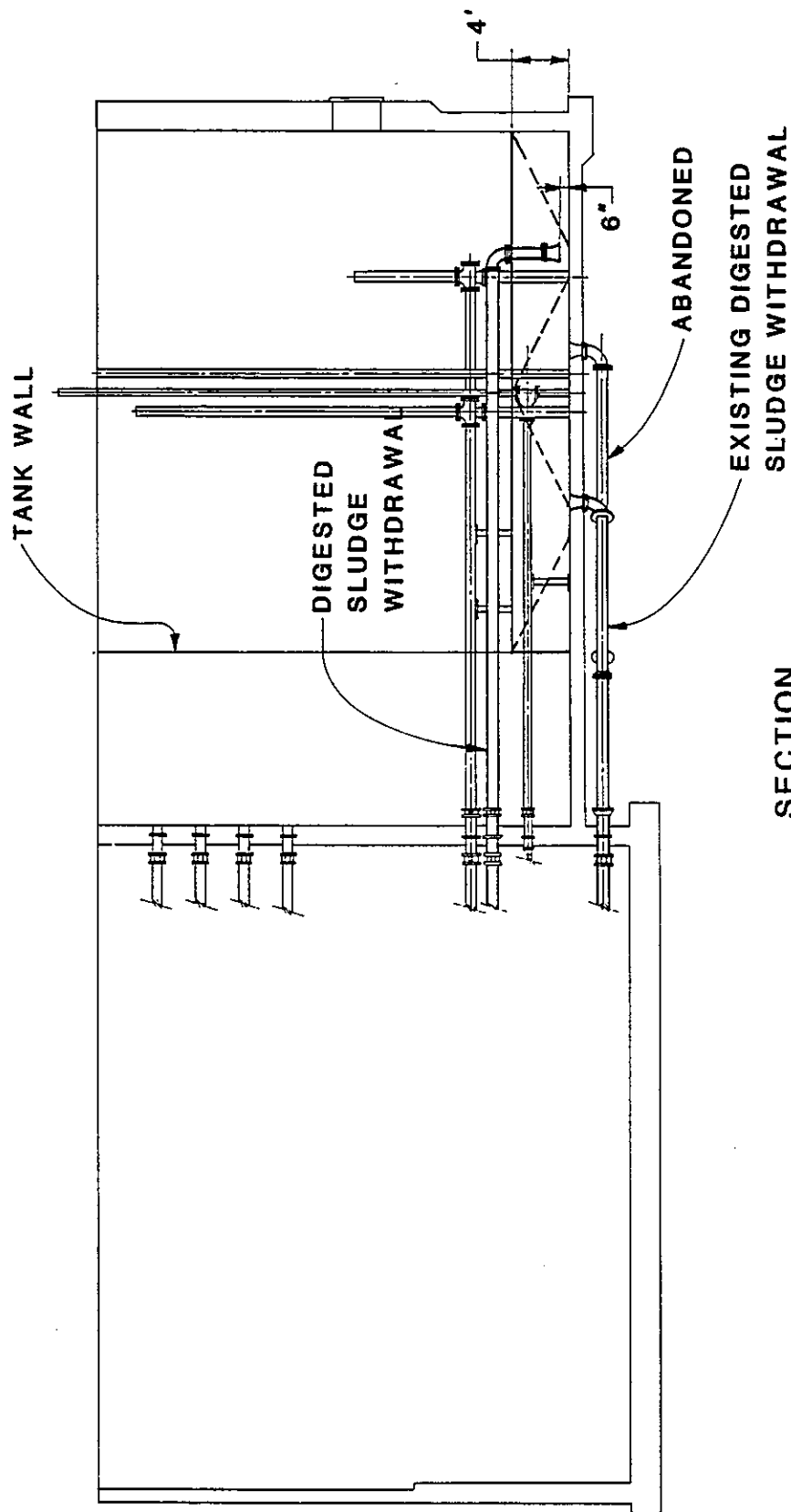


Figure III-11.

EXISTING DIGESTER - MODIFICATION TO DIGESTED SLUDGE WITHDRAWAL



# SECTION

Figure III-12.

EXISTING DIGGER - MODIFICATION TO DIGESTED SLUDGE WITHDRAWAL

NOV 16 '88 16:34 VASEY ENGINEERING 702 782 7051

MINN. P. 2 - L. 2 - 11/17/81  
SANITATION DISTRICT  
P. O. BOX 558  
MINDEN, NEV. 89421AGREEMENT

This Agreement, made and entered into this 14th day of March, 1984, by and between the MACK FAMILY TRUST, hereinafter "MACK" and the MINDEN-GARDNERVILLE SANITATION DISTRICT, hereinafter "MGSD".

W I T N E S S E T H:

WHEREAS, MACK and MGSD have previously entered into various options and easement agreements relating to the location of certain easements and the provision of various services and consideration for such easements; and

WHEREAS, there exists uncertainty relating to the previous agreements and the easement alignments which the parties hereto desire to clarify and correct by this agreement;

NOW, THEREFORE, in consideration of the sum of Three Thousand Dollars (\$3,000.00), receipt of which is hereby acknowledged and the mutual covenants and conditions herein contained, the parties do agree as follows:

1. Previous Agreements: The previous Option for Grant of Easement dated March 5, 1976, the Memorandum of Option to Grant Easement of March 5, 1976, the Agreement for Easement and Provision for Providing Sewer Service dated March 3, 1978 and the Grant of Easement for Sewer Line dated December 12, 1978, are hereby superceded to the extent that those agreements are inconsistent with the terms of this agreement.

Where this agreement is inconsistent with the provisions of those above referenced agreements it is the intent of the parties hereto that this

...ify, alter and amend those previous agreements.

2. Sewer Service to Existing Structures: There are three (3) existing structures on the property owned by MACK described in Exhibit "A" attached hereto and incorporated herein by this reference. MGSD does hereby agree to provide sewer service consisting of the collection and treatment of the effluent from the three (3) structures located on the Exhibit "A" property. Such sewer service will be provided at no charge to MACK, its assignees, successors or heirs for a period of twenty-five (25) years or until December 31, 2003. Thereafter the three (3) structures may be charged monthly service fees in accordance with the posted rates applicable to all MGSD customers at that date. No other charges or fees will result to the three (3) structures. It is acknowledged and agreed that the sewer service described herein cannot be transferred to any other structure or location by MACK, excepting a structure having a similar EDU count on the same location rebuilt as a result of destruction. Any sewage effluent will meet MGSD standards.

3. Sewer Easement Alignment: Due to a clerical error, the easement for sewer line contains a legal description which does not conform to the actual location of the sewer line, as constructed. Such erroneous description is set forth at Book 1272, Page 708, Official Records, Douglas County Recorder's Office. The parties hereto agree that it is in the best interests of all parties to abandon the erroneously described easement alignment in the property presently owned by MACK on the date this agreement is executed and substitute a proper 20' wide deeded easement with accurate descriptions along the alignment set forth in Exhibit "A" attached hereto and incorporated herein by this reference. The parties agree that this may be accomplished by either re-recording the original deed with proper legal descriptions solely for purposes of correcting the legal description. Alternatively, the parties agree to

abandon or terminate the original easement deed and then record a new easement deed with proper and accurate legal descriptions.

4. Reservation of Sewer Treatment Capacity: As partial consideration for the grant of the easement by MACK, MGSD agrees to set aside and reserve capacity of 44,750 gallons per day (gpd) of the effluent treatment capability of MGSD's sewage treatment plant. The above reserve capacity takes into account a previous allocation of 5250 gpd already utilized by MACK relative to the BELLARA #3 property and which totalled a 50,000 gallon original commitment. It is understood and acknowledged by the parties hereto that the reserved capacity envisioned in this Paragraph 4 shall be set aside and allocated for the benefit of MACK, provided that the then applicable connection fees and service fees shall be applicable to the reserved capacity at such time as the reserved capacity is actually utilized. The service area where such reserved capacity shall be available for use is as depicted in Exhibit "A" attached hereto and incorporated herein by this reference.

It is acknowledged and agreed that for purpose of calculating the needs of a residential unit, that an allocation of 350 gallons per day of sewage capacity per residential dwelling unit shall be used.

5. Further Assurances: The parties hereto agree to execute any and all further documents necessary to effectuate and consummate the purposes and intent of this agreement upon the reasonable request of the other party.

6. Entire Agreement: This agreement contains the entire understanding and agreement between the parties hereto and any modification or amendment hereof must be in writing and executed by the party to be charged prior to any such modification being of any force or effect.

7. Attorneys Fees: In the event that any action, proceeding or arbitration is initiated to enforce the provisions of this agreement, the prevailing party in any such action shall be entitled to its reasonable attorneys fees as part of its judgment and recovery.

IN WITNESS WHEREOF, the parties have hereunto set their hands the day and year first above written.

"MACK"

THE MACK FAMILY TRUST

BY Duane E. Mack  
DUANE E. MACK  
as Trustee

"MGSD"

MINDEN-GARDNERVILLE SANITATION DISTRICT

BY Daniel R. Hellwinkel  
DANIEL R. HELLWINKEL  
Chairman, Board of Trustees

Attest: Jerome Etchegoyhen  
JEROME ETCHEGOYHEN  
Secretary

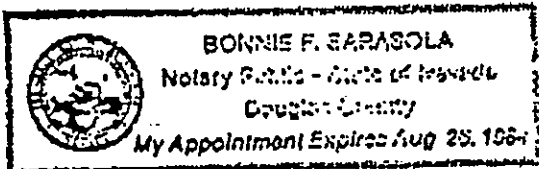
STATE OF NEVADA )  
: SS  
COUNTY OF DOUGLAS )

On March 14, 1984, personally appeared before me, a Notary Public,

Daniel R. Hellwinkel & Duane E. Mack, who acknowledged that he executed the above instrument.

STATE OF NEVADA )  
COUNTY OF DOUGLAS ) SS

On March 14, 1984, personally appeared before me, a Notary Public,  
Jerome Etchegoyhen, who acknowledged that he executed the above  
instrument.



  
NOTARY PUBLIC

THIS AGREEMENT is entered into this 25<sup>th</sup> day of

April, 1986, by and between LEO EARLY, an individual, and WESTERN NEVADA PROPERTIES, INC., a Nevada corporation, on the one hand (hereinafter collectively referred to as WNP), and ROLAND DRYER and JOAN DRYER, husband and wife, on the other hand (hereinafter referred to as Dryer), (WNP and Dryer are sometimes referred to herein collectively as the parties), on the following facts, terms and conditions:

#### RECITALS

A. The parties have previously entered into various agreements for the option, purchase or exchange of real property located in Douglas County, Nevada. Such matters are summarized in the Agreement for Purchase and Exchange of Real Property between the parties dated December 13, 1985.

B. As set forth in such December 13, 1985 Agreement between the parties, the conclusion of certain transactions whereby WNP shall obtain Anderson's Parcels Nos. 25-230-11 and portions of 25-230-01, and Dryer shall receive Anderson Land Map Parcels 17 through 22, has been delayed through the filing by Carson Valley Land Company (hereinafter referred to as "CVLC") of a Chapter 11 petition in Bankruptcy. WNP and CVLC have submitted to the Court an Application allowing the parties to conclude their outstanding transactions, with the expectation that a confirmation of said transactions shall be concluded within no more than sixty (60) days from the date hereof.

2,524.85 length  
153435



C. In the interim, and prior to the Court's approval and the conclusion of the referenced transactions between the parties and said third party, WNP has a need for certain easements from Dreyer, across Dreyer's property as set forth herein. Dreyer is willing to provide said easements to WNP pursuant to this Agreement.

NOW, THEREFORE, in consideration of the mutual promises and agreements of the parties, and for other valuable consideration, the receipt of which is hereby acknowledged, the parties do agree as follows:

1. Dreyer agrees to grant WNP such easements as described herein and as set forth on the attached Exhibits 1 and 2, which are incorporated herein by this reference.

1.1. Easement Number 1, as described in Exhibit 1, is an easement eighty (80) feet in width for the purpose of a roadway and utilities, including sewer and water.

1.2. Easement Number 2, as described in Exhibit 2, is an easement eighty (80) feet in width for the purposes of a roadway and utilities, including sewer and water.

2. WNP agrees to provide Dreyer the following:

2.1. WNP agrees to pay Dreyer the amount of One Hundred Ten Thousand and no/100 Dollars (\$110,000.00) and for consideration for such easements. The amount of Twenty-Five Thousand and no/100 Dollars (\$25,000.00) shall be paid on receipt of the easements specified above. The balance of One Hundred Ten Thousand and no/100 Dollars (\$110,000.00), together with interest thereon at the annual rate of twelve percent (12%)

shall be paid on or before May 1, 1987. Said interest shall accrue as of the date of this agreement. Said balance shall be represented by a Promissory Note by WNP in favor of Dreyer to be delivered at the time of execution of the documents by Dreyer. Such payment of the balance and interest shall be due only if WNP has not by that date acquired the underlying property on which the easements exist from Dreyer. All amounts paid shall be a credit in favor of WNP in the event WNP subsequently acquires such underlying property from Dreyer.

2.2. WNP will grant Dreyer an exclusive easement for any purpose to the westerly twenty (20) feet of its property commonly known as the Herman Parcel and more specifically identified as Douglas County Assessor's Parcel No. 25-023-02. WNP will not interfere in any way with Dreyer's use of such property.

2.3. WNP will allow Dreyer to farm any portion of said Herman Parcel and the property commonly known as the Wennhold parcel, previously acquired by WNP from Dreyer, and more specifically identified as Douglas County Assessor's Parcel No. 25-030-11, which WNP does not plan on utilizing or developing during the 1986 and 1987 crop year. WNP will provide notice to Dreyer by September 1, 1986 identifying lands available for a winter grain crop, and shall allow Dreyer use of such lands through the harvest thereof.

2.4. WNP will allow Dreyer to remove and retain the fence separating the Wennhold parcel from the adjoining property on its west, commonly known as the Schwake Parcel, and more

specifically identified as Douglas County Assessor's Parcel No. 250-323-07. WHP will fence the northerly edge of the property (12) foot easement on the Nevada Parcel granted in Paragraph 2.4 above. WHP will also fence the boundary of Easement 2 granted herein as appropriate to contain livestock on Drayer's land.

2.5. Drayer shall have the right to use or cross all roadways constructed by WHP in the easements granted. All roadways constructed shall provide such culverts or undercrossings as are necessary to maintain proper functioning of irrigation ditches and facilities for irrigation of the underlying and adjoining Drayer property. Construction of the roadway on Easement 1 shall not commence until WHP effects the purchase of the underlying property. There shall be no similar limitation regarding the utilities.

Easement 1 shall be subject to a roadway access from the Drayer horse ranch to the north side thereof.

3. Drayer shall execute deeds to such easements at the time of execution of this agreement, or at such time as the easements are presented by Resource Concepts, Inc. of Carson City to Drayer for execution. It is agreed by the parties that Resource Concepts, Inc. shall have the responsibility of delineating the easements and preparing the legal descriptions therefor and shall warrant the accuracy of the same to all parties hereto. The entire cost and expense of such services and materials shall be borne by WHP.

4. Drayer represents that it has title to the property, and that there are no encumbrances or liens that would adversely

4  
153-025  
300X 457-0253

affect or impair the use of the easements for the purposes set forth.

5. Early covenants and warrants that he is the President of NWP and that he has been authorized by corporate resolution to enter into this Agreement. Early further acknowledges that he understands that by entering into this Agreement that he is a personal guarantor of the promises, covenants, conditions and obligations herein expressed.

6. Early and NWP agree that they will pursue the objectives hereunder with due diligence and shall complete the same as soon as is reasonably possible.

7. Early individually and NWP agree to diligently pursue and take all reasonable efforts toward the acquisition of the real property underlying these easements, said acquisition involving those certain transactions which NWP referred to in the Recitals of this Agreement.

8. The parties hereto forth in following miscellaneous provisions relating to their agreement:

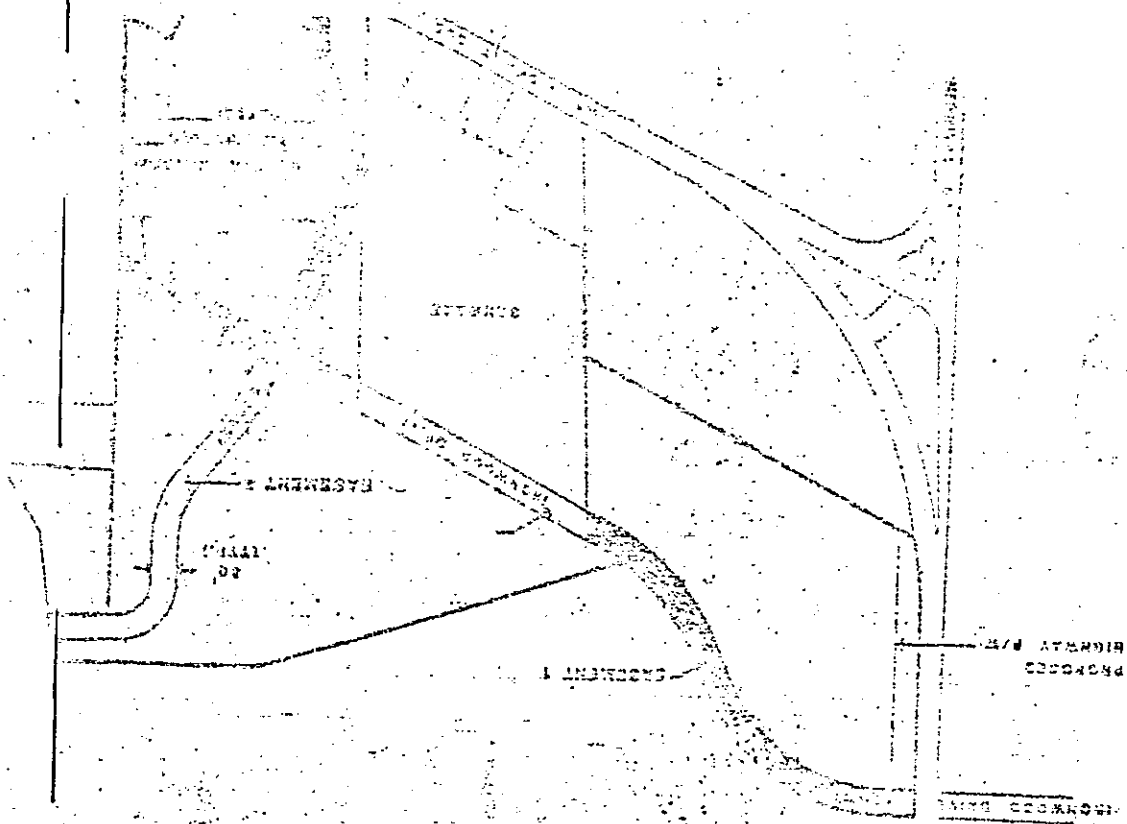
8.1. Time is of the essence of this Agreement.

8.2. This Agreement shall be binding upon and inure to the benefit of the heirs, administrators and assigns of the parties.

8.3. This Agreement may be altered, amended or modified only by an agreement in writing signed by each of the parties.

8.4. This Agreement is entered into and shall be governed and interpreted by the laws of the State of Nevada.

1. GENERAL



PROPOSED DRIVE

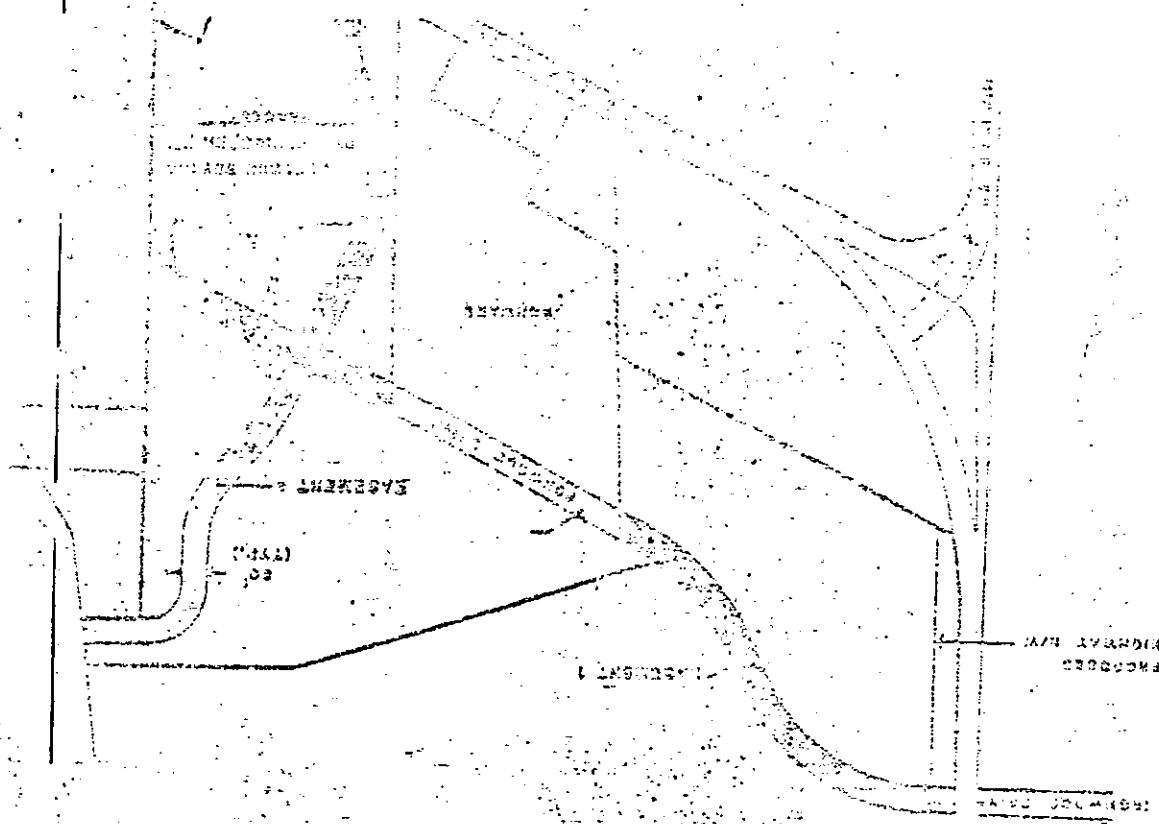
PROPOSED HIGHWAY R/W

EASEMENT

EASEMENT 2

CITY LIMIT

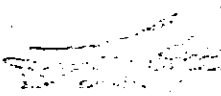
PROPERTY LINE

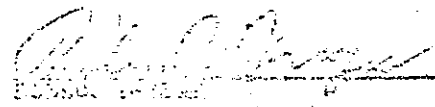


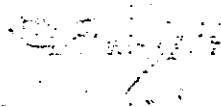
in special legal advice and assistance rendered to a transaction.  
Herby and WEA hereby agree to pay the attorney's fees incurred by  
Breyer for such professional services rendered in this case.

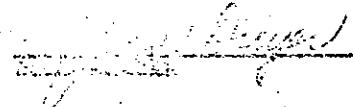
8.7. In the event any litigation should ensue as a  
result of a dispute over the terms or conditions hereof, the  
prevailing party shall be awarded attorney's fees and costs as  
fixed by the Court.

IN WITNESS WHEREOF, the parties have executed this  
agreement on the date set forth above at Miami, Florida.

  
RAYMOND H. BREYER, ESQ.,  
Attorney at Law

  
HERBERT W. E. HERBY

  
RAYMOND H. BREYER, ESQ.,  
Attorney at Law

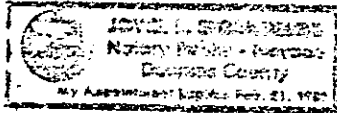
  
HERBERT W. E. HERBY

FILED  
NOV 4 1964  
FBI - MIAMI

STATE OF NEVADA

COUNTY OF DOUGLAS

On April 23, 1936, personally appeared before me, a notary public, LEO HANLY, personally known to me to be the person who executed the above instrument, and acknowledged to me that he executed the same for the purposes therein stated.



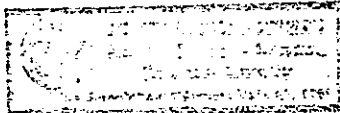
Leo H. Hanly  
Notary Public

STATE OF NEVADA )

COUNTY OF DOUGLAS )

ss.

On April 23, 1936, personally appeared before me, a notary public, LEO HANLY, who is President of Western Nevada Properties, Inc., a Nevada corporation, personally known to me to be the person who executed the above instrument on behalf of said corporation, and acknowledged to me that he executed the same for the purposes therein stated.



Leo H. Hanly  
Notary Public

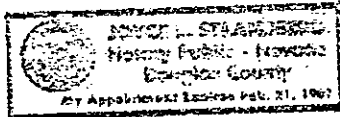
15347

BOOK 437 PAGE 114



STATE OF NEVADA  
COUNTY OF DOUGLAS

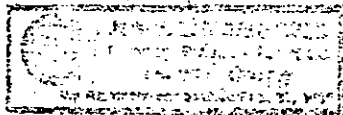
On March 22, 1986, personally appeared before me, a notary public, ROBERT DREYER, personally known to me to be the person who executed the above instrument, and acknowledged to me that he executed the same for the purposes therein stated.



Joan L. Strandberg  
Notary Public

STATE OF NEVADA }  
COUNTY OF DOUGLAS } ss.

On April 22, 1986, personally appeared before me, a notary public, JOAN DREYER, personally known to me to be the person who executed the above instrument, and acknowledged to me that she executed the same for the purposes therein stated.



Joan L. Strandberg  
Notary Public

BOOK 67 PAGE 23

## 80' EASEMENT LEGAL DESCRIPTION

F 3/28/86

A portion of the East one-half of Section 30, Township 13 North, Range 20 East, MDB&M, for access and public utility easement purposes, being more particularly described as follows:

COMMENCING at a concrete monument on the Easterly right-of-way line of U.S. Highway 395, 40 feet right of centerline at Station "B" 38+87.80 P.T.;

thence N. 00°18'00" E., along said Easterly right-of-way line, 644.47 feet;

thence S. 89°42'00" E., 79.84 feet to the proposed Easterly right-of-way line of U.S Highway 395 (Project F-395-1[3]) and the TRUE POINT OF BEGINNING;

thence S. 89°42'00" E., 20.16 feet;

thence 425.42 feet along the arc of a curve to the right having a central angle of 75°00'00" and a radius of 325.00 feet (chord bears S. 52°12'00" E., 395.70 feet);

thence 552.47 feet along the arc of a curve to the left having a central angle of 48°43'00" and a radius of 649.76 feet (chord bears S. 39°03'30" E., 535.98 feet);

thence S. 63°25'00" E., 333.10 feet;

thence S. 01°56'00" E., 91.05 feet;

thence N. 63°25'00" W., 376.57 feet;

thence 620.49 feet along the arc of a curve to the right having a central angle of 48°43'00" and a radius of 729.76 feet (chord bears N. 39°03'30" W., 601.97 feet);

thence 320.7 feet along the arc of a curve to the left  
having a central angle of  $75^{\circ}00'00''$  and a radius of 245.00 feet  
(chord bears N.  $52^{\circ}12'00''$  W., 298.29 feet);

thence N.  $89^{\circ}42'00''$  W., 20.17 feet to said proposed Easterly  
right-of-way line of U.S. Highway 395 (Project F-395-1[3]);

thence N.  $00^{\circ}12'15''$  E., 80.00 feet to the POINT OF BEGINNING.

Containing 2.451 acres more or less.

1334.569

## EXHIBIT 2

## 80' EASEMENT LEGAL DESCRIPTION NO. 4

F 3/28/86

A portion of the East one-half of Section 30 and the West one-half of Section 29, Township 13 North, Range 20 East, MDB&M, Douglas County, Nevada, for access and public utility easment purposes, being more particularly described as follows:

BEGINNING at a point on the Northerly line of the Dreyer Parcel, which bears N.  $21^{\circ}14'03''$  W., 1,711.20 feet from a concrete highway monument marked "B" - 0+09 P.O.T. 4' RT. "0" - 95+11.02 Dist. 32.96', Angle  $78^{\circ}$ ;

thence 31.42 feet along the arc of a curve to the left having a central angle of  $90^{\circ}00'00''$  and a radius of 20.00 feet (chord bears N.  $71^{\circ}35'00''$  E., 28.28 feet);

thence N.  $26^{\circ}35'00''$  E., 79.80 feet;

thence 168.58 feet along the arc of a curve to the right having a central angle of  $11^{\circ}58'06''$  and a radius of 807.06 feet (chord bears N.  $32^{\circ}34'03''$  E., 168.28 feet);

thence N.  $38^{\circ}33'06''$  E., 176.84 feet;

thence 172.44 feet along the arc of a curve to the left having a central angle of  $38^{\circ}00'00''$  and a radius of 260.00 feet (chord bears N.  $19^{\circ}33'06''$  E., 169.30 feet);

thence N.  $00^{\circ}33'06''$  E., 144.97 feet;

thence 291.28 feet along the arc of a curve to the right having a central angle of  $87^{\circ}50'09''$  and a radius of 190.00 feet (chord bears N.  $44^{\circ}28'11''$  E., 263.58 feet);

thence N.  $88^{\circ}23'15''$  E., 174.44 feet;

thence S.  $05^{\circ}23'10''$  E., 80.17 feet;

thence S.  $88^{\circ}23'15''$  W., 179.72 feet;

6  
thence 153.53 feet along the arc of a curve to the left  
having a central angle of  $37^{\circ}59'09''$  and a radius of 110.00 feet  
(chord bears S.  $44^{\circ}23'11''$  W., 152.60 feet);

thence S.  $00^{\circ}33'06''$  W., 144.97 feet;

thence 225.50 feet along the arc of a curve to the right  
having a central angle of  $39^{\circ}00'00''$  and a radius of 340.00 feet  
(chord bears S.  $19^{\circ}33'06''$  W., 221.39 feet);

thence S.  $33^{\circ}33'06''$  W., 175.84 feet;

thence 151.87 feet along the arc of a curve to the left  
having a central angle of  $11^{\circ}58'06''$  and a radius of 727.06 feet  
(chord bears S.  $32^{\circ}34'03''$  W., 151.60 feet);

thence S.  $25^{\circ}35'00''$  W., 79.30 feet;

thence 31.42 feet along the arc of a curve to the left having  
a central angle of  $90^{\circ}00'00''$  and a radius of 20.00 feet (chord  
bears S.  $18^{\circ}24'57''$  E., 28.28 feet);

thence N.  $63^{\circ}25'00''$  W., 120.00 feet to the POINT OF  
BEGINNING.

Contains 2.186 acres more or less.

1190.277

Page 2 of 2

REQUESTED BY  
SILVER STATE TITLE AND ESCROW CO., INC.  
IN OFFICIAL RECORDS OF  
DOUGLAS COUNTY, NEVADA

96 JUL -9 P4 04

SUZANNE BEAUDREAU  
RECORDER

\$10.00 PAID *[Signature]* DEPUTY

137313  
BOOK 786 PAGE 696

# Minden-Gardnerville Sanitation District

P. O. Box 563

MINDEN, NEVADA 89423

Minutes of special meeting Thursday February 16, 1978, 7:30 P.M., Board Room, MGSD Treatment Plant, Hwy 395 North, Minden, Nevada.

## Board Members Present

Jerome Etchegoyhen, Daniel Hellwinkel, William Nelson, Victor Pedrojetti.

## Board Members Absent

Louis Neddenriep

## Others Present

Ernst W. Gerber, Staff

Meeting called to order at 7:30 P.M.

The Easement Agreement with Duane Mack dated March 5, 1971, was discussed in depth. The Board suggested Mr. Mack use the reserved capacity as soon as possible. The description of area for which capacity is reserved is vague. Motion by Jerome Etchegoyhen to amend the agreement to clarify the description of the subject area for which capacity is reserved and that the payment for the capacity is the easement in fee simple and the limit of reserved capacity shall be 50,000 gallons. Motion seconded by William Nelson. Motion carried. 4 ayes and 0 nays.

Ernie read the pertinent State Statutes regarding reimbursement for line extensions. The Board member will consider this under advisement.

The lease with Dangberg Land and Live Stock Company was reviewed. Daniel Hellwinkel noted there were several errors in the lease and needed to be corrected. He will follow up with Dangberg L. and L. All present agreed it would be best to exercise the purchase option as soon as possible.

Ernie reported that in the opinion of John Davis it would be proper to allow contingent annexation; that is, to have special conditions in an annexation agreement as to delayed availability of service.

The Tentative Budget for 1978-79 was reviewed. Motion by Jerome Etchegoyhen to approve the Tentative Budget for 1978-79. Motion seconded by Victor Pedrojetti. Motion carried. 4 ayes, 0 nays.

The revised commercial accounts were reviewed in detail, some change was noted. The increase in revenue will be 42% for commercial, and 33 1/3 % for residential.

50% COTTON FIELD

25% COTTON FIELD

Minutes  
Minden-Gardnerville  
Sanitation District  
February 16, 1978  
Page 2

Ernie discussed with the Board the choices available once the reserved capacity of the plant was used up. He recommended that new rates be effective to cover 100% of the cost of any future plant expansion. He noted that although the reserved capacity of the present plant would be used up this year, the actual flow capacity would lag behind and not reach capacity for another 6 to 10 years.

Meeting adjourned at 11:00 P.M.

Approved

3/2/78

By

David R. Dullin

Recorded at the Request of  
and Return to:

John P. Davis  
Attorney at Law  
P.O. Box 727  
Minden, Nevada 89423

For Recorder's Use Only

AGREEMENT FOR EASEMENT AND PROVISION

FOR PROVIDING SEWER SERVICE

WHEREAS the MACK LAND AND CATTLE COMPANY did grant an "Option for Grant of Easement" across certain lands owned by the grantor to the Minden-Gardnerville Sanitation District on the 5th day of March, 1976. This option being to locate a 20' wide easement across the below described premises for the location, construction and maintenance of a public sewer:

The E 1/2 of Section 31 and the W 1/2 of Section 32, T 13 N, R 20 E, M.D.M., Douglas County, Nevada and shall be northerly of the Cottonwood Slough and Southerly of Greenbelt Subdivision #1, Book 176 of Maps at Page 205, Douglas County, Nevada Records.

The above easement was to be established approximately along the existing access road to the MACK LAND AND CATTLE COMPANY office from US Highway 88. The grantor having agreed to grant said easement at such time as the final location is established by the engineering design.

That a "Memorandum of Option to Grant Easement" was recorded on the 8th day of March in Book 376 Page 275 Douglas County, Nevada, Records as Document 87680.

That in consideration of granting the above easement the grantee is to provide certain services to the grantor. That to more clearly and accurately reflect the intentions of

Page One

JOHN P. DAVIS  
ATTORNEY AT LAW  
P. O. BOX 727  
MINDEN, NEVADA 89423  
OFF. TEL. 744-4422

65536  
1062 382MGT 286



the parties the terms of service to be provided are to be as follows:

① The MCSD agrees to provide sewer service consisting of the treatment of up to 50,000 gallons per day to that portion of the MACK LAND AND CATTLE COMPANY described as follows:

That real property situate within Sections 31 & 32, T 13 N. R 20 E, M.D.M., Douglas County, Nevada, bounded on the Southwest by the proposed interceptor line, bounded on the Southeast by an extension of the center line of 8th Street in the Town of Minden, to where this line would intersect the Cottonwood Slough, bounded on the Northeast by the Southerly line of Greenbelt Subdivision #1 Book 176 of Maps at Page 203 and thence along the existing Minden-Gardnerville Sanitation District as it exists this date to the intersection with the extension of the center line of 8th Street extended as above, bounded on the West by a line extending Southerly from the Westerly line of Greenbelt #1 to its intersection with the proposed interceptor line.

2. The Minden-Gardnerville Sanitation District will provide sewer service to the existing three buildings. The MACK LAND AND CATTLE COMPANY, their assigns or heirs will be allowed this service and will not be charged with any connection fees or user fees during the time these buildings are served. If the land surrounding the buildings is later annexed into the District, the grantor will, however, be required to pay any annexation fees as they may exist at this date.

The Minden-Gardnerville Sanitation District shall pay all costs involved in the engineering, surveying and locating the sewer line across the above easement.

DATED this 31 day of March 1978.

*Daniel R. Hellwinkel*  
Minden-Gardnerville Sanitation District

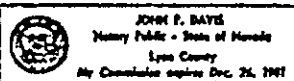
By: Daniel R. Hellwinkel,  
Chairman, Board of Trustees

*Duane E. Mack*  
Mack Land and Cattle Company

By: Duane E. Mack

STATE OF NEVADA )  
COUNTY OF DOUGLAS ) SS

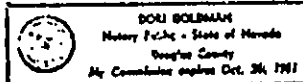
On this 3rd day of MARCH, 1978, personally  
appeared before me DANIEL R. HELLWINKEL, who acknowledged  
that he executed the above instrument.



*John P. Davis*  
Notary Public

STATE OF NEVADA )  
COUNTY OF DOUGLAS ) SS

On this 3rd day of March, 1978 personally  
appeared before me DUANE E. MACK, who acknowledged that  
he executed the above instrument.



*Don Solomon*  
Notary Public

✓  
M.H.S.D.  
20 Box 56P  
Mendenhall

JOHN P. DAVIS  
ATTORNEY AT LAW  
1000 W. 1ST  
LAS VEGAS, NEVADA 89102

REQUESTED BY  
*M.H.S.D.*  
OFFICIAL RECORDS OF  
DOUGLAS COUNTY, NEVADA  
1582 MAR -5 PM 3:52

SUZANNE R. AUDEAU  
RECORDED

Page Three and last page

*Court J. R. Hart* 65536  
1981 MAR 28

WILLIAM K. WOODBURN  
VIRGIL H. WEDGE  
B. WELLS O'BRIEN  
ROGER W. JEPSON  
JAMES J. HALLEY  
RICHARD O. KWAPIL, JR.  
CASEY W. VLAUTIN  
FRANK J. FAHRENKOPF, JR.  
ROGER H. ELTON  
GORDON H. DEPAOLI  
SUELLEN FULSTONE  
WILLIAM E. PETERSON

WOODBURN, WEDGE AND JEPSON  
ATTORNEYS AND COUNSELORS AT LAW  
SIXTEENTH FLOOR  
FIRST INTERSTATE BANK BUILDING  
ONE EAST FIRST STREET  
P. O. BOX 2311  
RENO, NEVADA 89505  
(702) 329-6131  
FACSIMILE (702) 329-2057

JOHN F. MURTHA  
MICHAEL E. KEARNEY  
W. CHRIS WICKER  
CHARLES A. JEANNES  
SHAWN B. MEADOR  
KIRK S. SCHUMACHER  
STEVEN C. MALVEY  
LYNNE K. JONES  
HARRY J. SCHLEGELMILCH  
ELISE M. FULSTONE  
of counsel  
EDWARD G. STEVENSON

January 18, 1989

Mr. and Mrs. Roland Dreyer  
P. O. Box 254  
Minden, Nevada 89423

Dear Mr. and Mrs. Dreyer:

I am the attorney for Minden-Gardnerville Sanitation District [hereinafter referred to as "MGSD"]. As you know, MGSD has been engaged in the process of reviewing the sewer pipe construction placed in an easement which you deeded to Western Nevada Properties, Inc. on May 14, 1986, which Western subsequently deeded to Douglas County on June 11, 1986. MGSD is satisfied with the construction and will formally approve the construction at the next meeting.

While MGSD does not own and is not responsible for the overall maintenance or condition of the easement over your property, it nonetheless would like to give you an opportunity to raise any objections you have to the condition of the easement as it relates to the pipeline before it is formally approved or accepted by MGSD. Should you have any objection or concern, please notify Western Nevada Properties, Inc. at P. O. Box 2647, 1650 Lucerne Street, Minden, Nevada 89423, (702) 782-8761 within seven (7) days of the date of this letter. We will check with Western on that date and in the absence of any complaints, will assume you are satisfied with the condition of the easement.

Sincerely yours,



William E. Peterson

WEP:lja

Sent Via Certified Mail

cc: Daniel Hellwinkel  
David LaBarbara

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, FRIDAY, MARCH 3, 1989, 12:00 NOON, BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

12:00 Noon Call to order  
12:05 Carson Valley Inn--Sewer Line  
12:35 Public Commentary  
12:45 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

Please do not remove until March 4, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting Friday, March 3, 1989, 12:00 Noon, Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Louis Neddenriep, William Nelson, Daniel Hellwinkel, Vic Pedrojetti and Jerome Etchegoyhen

Staff Members Present:

David LaBarbara and Bruce Scott

Others Present:

Mark Byars, Steve Chappell, Dan Daily and Frank Wooduff

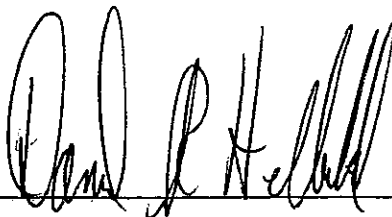
The meeting was called to order by Chairman Hellwinkel at 12:15 P.M.

Carson Valley Inn-Sewer Line: Bruce Scott explained that the Carson Valley Inn line does not meet the district ordinance. The line as-built has a slope of .223%. The district ordinance requires a slope of .4% or more. Dan Daily explained that Resource Concepts had surveyed the manhole invert elevations, as had D. C. West and found that they were in fact incorrect. The Board then asked questions of the engineer and the contractor, Mark Byars, as to why the line was constructed incorrectly. After listening to the explanations a motion was made by Louis Neddenriep that the 300 feet of the 8 inch pipe section be replaced with 12 inch pipe to meet the district ordinance. Seconded by William Nelson. Motion carried.

David LaBarbara presented change order #5 for the brick work on the primary clarifier for approval. Discussion followed. Motion by Vic Pedrojetti to approve change order #5 for the brick work on the primary clarifier. Seconded by Louis Neddenriep. Motion carried.

Meeting adjourned at 12:50 P.M.

Approved: 3-7-89 By: \_\_\_\_\_



# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, MARCH 7, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of February 7, 1989 and March 3, 1989  
7:45 CWC-HDR, Inc.--Continuation of Digester & Headworks Design  
8:15 Attorney's Report  
8:30 Carson Valley Inn--Hotel Capacity Request  
8:40 Carson Valley Inn--Line Acceptance  
8:55 Douglas County School District--New Middle School Capacity Discussion  
9:05 Western Nevada Properties--Winhaven Line Design  
9:15 Carson Valley Fair--Capacity Request  
9:30 Westwood Village Phase II--Line Approval, Letter of Credit  
9:40 Westwood Village Phase III--Plan Approval  
9:55 Engineer's Report  
10:10 Superintendent's Report  
10:25 Secretary's Report  
10:35 Public Commentary  
10:45 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following items will be considered as time permits between the above scheduled items: Engineer's Report, Superintendent's Report & Secretary's Report.

All persons attending the meeting are required to sign the guest register.

PLEASE DO NOT REMOVE UNTIL March 8, 1989

# **Minden-Gardnerville Sanitation District**

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, March 7, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

## Board Members Present:

Daniel Hellwinkel, William Nelson, Vic Pedrojetti, Jerome Etchegoyhen and Louis Neddenriep

## Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

## Others Present:

Rob Williams, Dan Dailey, Shawn Smyth, Lou Hirschman, Rob Anderson, Steve Holton, Tom Scott, Tim Grover, Steve Balkenbush and Bob Oswald

The meeting was called to order by Vice-Chairman Louis Neddenriep.

The minutes of February 7, 1989 and March 3, 1989 were read. Motion by Jerome Etchegoyhen to accept the minutes of February 7, 1989 and March 3, 1989. Seconded by Vic Pedrojetti. Motion carried.

CWC-HDR, Inc.-Continuation of Digester and Headworks Design--Represented by Rob Williams. Mr. Williams refreshed the Board's memory concerning the February 7, 1989 discussion on the digester and bar screen which was tabled for further discussion. Rob elaborated that the old digester is leaking gas and felt that the situation is dangerous. Rob again discussed the installation of a bar screen both prior and after the influent pump station. Rob recommended installation after the influent pump station due to reduction in cost. Rob feels a bar screen is essential to keep the debris out of the plant. Discussion followed on location of the bar screen, if a building should be constructed due to cold winter temperatures, building construction costs, odor problems, digester priority, digester gas storage, operation of old and new digester and operation of potential low pressure gas storage on the ground. The meeting was then turned over to Chairman Hellwinkel. Discussion followed on bar screen design, bag storage vs. dumpster, capacity in old digester if working efficiently, poor mixing of old digester. Rob related that two digesters should handle three million gallons of capacity. The Chairman felt that the construction of a new digester would take care of the next plant expansion. Discussion followed concerning digester gas and how much is contained in the digester and potential repairs required for the old digester. The Chairman felt that if a new digester is built it should be looked at carefully and done right. The Chairman suggested that a meeting should be called to discuss the digester and bar screen and also some of the other MGSD problems and have MGSD legal counsel present. Mr. Williams related that a new digester, bar screen with building and repair to the present digester floating cover and floor would be approximately 1.5 million dollars for conventional digester and 1.6 million dollars with an egg shaped digester. Discussion followed on costs. Motion by Louis Neddenriep to set a day between March 13, 1989 and March 20, 1989 at 2:00 P.M. for a special closed attorney-client meeting. Seconded by Vic Pedrojetti. Motion carried.

Minutes  
Minden-Gardnerville Sanitation District  
March 7, 1989  
Page 2

Attorney's Report: MGSD legal counsel was not present at the meeting.

Carson Valley Inn--Hotel Capacity Request--Represented by Dan Dailey. David LaBarbara presented previously approved hotel expansion plans for board review. 24.3 units of capacity have been purchased for the hotel expansion. However, the Carson Valley Inn is now requesting capacity for the basement portion of the complex. There are 17 drains which would require 3.4 units of capacity. The jacuzzi's will have to be charged after the ordinance change is passed. Motion by Vic Pedrojetti to sell 3.4 units of capacity to the Carson Valley Inn for the hotel expansion as per the August 2, 1988 modified moratorium motion. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by William Nelson. Motion carried.

Carson Valley Inn--Line Acceptance--Represented by Dan Dailey. Bruce Scott presented a letter from Resource Concepts, Inc. dated March 7, 1989 outlining comments and recommendations concerning the Carson Valley Inn sewer line relocation which Bruce reviewed with the Board. (letter attached to the minutes) Dan Dailey related that Gale Taylor of the Nevada Department of Transportation is being provided with the compaction test results. The plans have been changed to identify the 8" pipe replacement with 12" pipe size on the profile and sepi. Bruce Scott addressed the existing MGSD easement through the Carson Valley Inn and related that the Board would probably want Bill Peterson to draw up the quit claim deed to give the Carson Valley Inn back the easement. The Chairman felt that Bruce should provide the legal description for the quit claim deed. Motion by Vic Pedrojetti to approve the Carson Valley Inn line relocation subject to the five conditions in Resource Concepts' letter dated March 7, 1989. Seconded by Louis Neddenriep. Motion carried. The Board directed that no sewer permit be issued to the Carson Valley Inn until MGSD quit claims the easement back to the Carson Valley Inn. Motion by Jerome Etchegoyhen to authorize Resource Concepts to write the legal description for the present sewer easement through the Carson Valley Inn and Bill Peterson is authorized to draw up the quit claim deed giving the easement back to the Carson Valley Inn. Carson Valley Inn is responsible for all costs involved in drawing up the quit claim deed. Seconded by William Nelson. Motion carried.

Douglas County School District--New Middle School Capacity--Represented by Lou Hirschman. Mr. Hirschman related to the Board that the school district is asking direction from MGSD and also making MGSD aware that the Douglas County School District is planning to construct a middle school at the Scarselli school site in the Gardnerville Ranchos and will be needing sewer capacity. Mr. Hirschman presented a map showing an exchange of property within the Ranchos boundary for 22½ acres adjacent to the Scarselli school property which is outside the Ranchos boundary. Construction is anticipated about 1992 or 1993. The school district is planning on a bond issue in 1990. Sewer capacity will be required for 800 students and probably in the neighborhood of 50 sewer units of capacity. The Chairman related that it would not be advisable for the school district to purchase capacity now due to the terms of the modified moratorium because the capacity would have to be used in two years. David LaBarbara related that the moratorium only



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Minden-Gardnerville Sanitation District  
March 7, 1989  
Page 3

allows 40 units of capacity per project, although in the old moratorium governmental entities were considered separately. Governmental entities are not addressed in the modified moratorium motion of August 2, 1989. Mr. Hirschman related that the school district wishes to have pre planning as regards sewer and water and do not want to wait until the building is built. The Chairman felt that the sewer needs for the proposed new middle school could be discussed at the scheduled special meeting. The rest of the board agreed with the Chairman and related to Mr. Hirschman that they would get back to him with some direction as regards sewer capacity for the proposed middle school after the special meeting.

Mr. Hirschman related that the Douglas High School complex has four phases to complete the build out of 1800 students. The school district is planning to build two of the phases from the bond issue which would carry 1300 students. Mr. Hirschman feels the school district has enough capacity for two phases but will need capacity for the final two phases of construction. Mr. Hirschman related to the Board that this is simply information being related to MGSD regarding future needs of the school district and would appreciate consideration from MGSD. Discussion followed. The school district is anticipating that the capacity fees would be paid out of the bond issue. The Board related to Mr. Hirschman that MGSD would try to look favorably in taking care of the school district's needs. Mr. Hirschman thanked the MGSD board.

Western Nevada Properties--Winhaven Line Design--Represented by Steve Holton. Mr. Holton related to the Board that he would appreciate Board direction concerning plans which are being engineered for the Winhaven project. The engineers on the project are concerned about the flushing and scrubbing capability since the project cannot meet the MGSD ordinance with an 8" line and will therefore have to use a larger pipe size. Bruce Scott addressed the fact that the ordinance allows larger diameter pipe on flatter slopes. The smaller flows in the larger pipe size may create problems due to the fact that more water is needed for flushing. An alternative could be to allow flatter slopes or steeper slopes with a lift station. Bruce Scott recommended that the Board consider alternatives for these kinds of situations. David LaBarbara addressed septic conditions which could occur from solids sitting in the lines. Bruce Scott discussed line capacity. Bruce suggested that more engineering be done by the engineers and less rigid adherence to the ordinance. The Chairman felt that if Western Nevada Properties wanted to use an 8" line, Bruce could review the plans. Steve Holton related that the plans are completed and they meet the ordinance with no major problems. He is only prefacing the situation and feels there will be problems in sewerage the Winhaven project eventually. Bruce related that Winhaven Phase I will meet the ordinance, but he would like to review the Winhaven project and made recommendations to the Board by the time Winhaven Phase II is ready. The Board directed Bruce Scott to review the sewerage situation for the Winhaven project and report back to the Board.

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Minden-Gardnerville Sanitation District  
March 7, 1989  
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Carson Valley Fair-Capacity Request--Represented by Tom Scott. Plans were presented for the proposed Carson Valley Fair complex to be located on the property now owned by Bob Oswald. A signed authority to represent signed by the property owner was presented to the Board. David LaBarbara related that the calculations for the present plans calls for 97.4 units of capacity. There are presently 28 existing sewer units owned by Bob Oswald. Mr. Oswald related that the property is now in three parcels and will have to be re-parceled at the time the property is sold due to the fact that the buyers are proposing the purchase of two parcels and a portion of another. Mr. Oswald wishes to have the ability to do as he wishes with all 28 of the existing sewer units before the property is sold. Mr. Oswald was informed that he can request that the board allocate the capacity where ever he wishes before the property is sold. Mr. Scott addressed the MGSD sewer unit calculation for the project vs. sewage usage by various Scolari's super markets and presented the board and staff with his calculated figures which he reviewed. Mr. Scott feels that MGSD's drain charge is magnified and distorted by some 100%. Discussion followed concerning factors contributing to excessive sewer units. Mr. Scott requested that the board reserve capacity for the Carson Valley Fair in accordance with his calculated figures. David LaBarbara related that he feels there are drains which could be eliminated in comparing the market plans with the Raley's complex. Discussion followed. The Chairman felt that the board could not deviate from the ordinance in calculating the drain count and suggested the owner consider redesigning the project and cut down on some of the drains. Discussion followed. Jerome Etchegoyhen felt that the board should abide by the ordinance concerning drain assessment. Motion by William Nelson that the Board abide by the MGSD ordinance in assessing capacity for the Carson Valley Fair project. Seconded by Vic Pedrojetti. Motion carried. Mr. Scott then requested that the Board reserve capacity for the Carson Valley Fair project. David LaBarbara discussed the fact that the moratorium allows 90 days to pay for the capacity and MGSD's ordinance regarding capacity refund. The Board felt that Carson Valley Fair would be entitled to capacity refund as per the MGSD ordinance. Motion by William Nelson to allow capacity refund for the Carson Valley Fair project as per the MGSD ordinance as regards the modified moratorium motion of August 2, 1988. Seconded by Jerome Etchegoyhen. Motion carried. Steve Balkenbush, legal counsel for Bob Oswald requested that the Board allow Mr. Oswald to transfer his 28 units of capacity to the parcel where his building is located. Motion by Jerome Etchegoyhen to allow Bob Oswald to retain the 28 units of sewer capacity assigned to the property where the improvements are now located. Mr. Oswald is to make the request in writing to MGSD and include a legal description of the property where the 28 units are located. Seconded by Vic Pedrojetti. Motion carried. Motion by Vic Pedrojetti to sell 97.4 units of capacity for the Carson Valley Fair project subject to the modified moratorium motion of August 2, 1988. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by Jerome Etchegoyhen. Motion carried.

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March 7, 1989  
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Westwood Village Phase II-Line Approval-Letter of Credit--Represented by Rob Anderson. Mr. Anderson requested that the Board accept the line and release the letter of credit for Westwood Village Phase II. Bruce Scott presented a recommendation letter from Resource Concepts, Inc. dated March 7, 1989 and related that the as-built drawings for the project have been reviewed and recommended approval of the line subject to approval by David LaBarbara in regard to cleaning of the line and receipt of reproducible sepia drawings by MGSD. David LaBarbara related that curb and gutter and paving has not been done. The manhole collars will be put on at the time the paving is done. David felt that the line could be approved. Motion by Vic Pedrojetti to approve the line for Westwood Village Phase II and to release the letter of credit held by MGSD subject to recommendations by Bruce Scott. Seconded by Louis Neddenriep. Motion carried. The MGSD Secretary gave the letter of credit to Rob Anderson.

Westwood Village Phase III-Plan Approval--Represented by Rob Anderson. Mr. Anderson presented a vicinity map to the Board and explained that the Westwood Village Phase III project will be built south of the existing Westwood Village and behind the high school to include 49 building lots. Bruce Scott presented a recommendation letter from Resource Concepts dated March 7, 1989 and discussed the sewer improvements. Larger pipe size was discussed which would have to be used within several areas of the subdivision in order to achieve flatter slopes. The pipe sizing is allowed by the MGSD ordinance, but would result in a potential maintenance problem because of the lack of peak flows to flush the lines. Discussion followed concerning research for alternative pipe sizing. Mr. Anderson related that the time frame for the project is immediate. Bruce Scott felt that he could review the sewer situation and make a recommendation to the Board in two weeks. Discussion followed concerning alternate sewerage. The Board felt that they wished Bruce Scott to research the sewerage of Westwood Village Phase III before plan approval is given. The Board related they would be willing to call a special noon meeting for plan approval. Motion by Louis Neddenriep to table plan approval for Westwood Village III and call a special meeting on March 21, 1989 at 12:00 noon at the MGSD treatment plant. Vasey Engineering is to be responsible for the special meeting fee of \$250.00. Seconded by Jerome Etchegoyhen. Motion carried. Rob Anderson addressed the Resource Concepts' letter of March 7, 1989 and related that the items contained in the letter had been taken care of.

David LaBarbara discussed the gate leading to MGSD's property behind the plant located behind the patio homes. Water is still draining into the gate area and is making it impossible for Dreyer to get their equipment to MGSD's property. Lawrence of Nevada has also installed pipe drains from their planted areas along the fence which drain onto MGSD's property. David wrote a letter to Fred Brown who is responsible, but it would appear that nothing has been done to alleviate the situation. Rob Anderson related that he would try to do something to get the drainage problem rectified.

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Minden-Gardnerville Sanitation District  
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Engineer's Report: Bruce Scott related that the 1988 Rehabilitation Phase II-Post Office Alley is coming along. The compaction tests have all been good.

Bruce Scott related that there was significant engineering time involved in the Carson Valley Inn due to all of the problems which were involved. There is a sizeable bill due from Resource Concepts. The Board directed that the easement is not to be given back to Carson Valley Inn until the engineering bill from Resource Concepts is paid.

Superintendent's Report: David LaBarbara reported that he had received a letter from the Division of Water Resources. They performed an inspection on the ponds on Muller Lane and want MGSD to develop a rodent control plan. Bruce Scott offered to talk to his staff for suggestions.

David LaBarbara presented a service maintenance agreement from Instrument Service for 1989. The agreement is exactly the same as last year. Motion by Louis Neddenriep to renew the maintenance agreement contract with Instrument Service for the 1989 year. Seconded by William Nelson. Motion carried.

David LaBarbara related that an estimate had been received from Western Telephone who is a long distance service who feels they can save MGSD 15% on long distance calls. Discussion followed. Motion by Louis Neddenriep to retain the current long distance telephone service used by MGSD. Seconded by William Nelson. Motion carried.

David LaBarbara discussed the alarm system which Rob Williams brought up at the February 7, 1989 meeting, which features an automatic dialer which would call up to four phone numbers when plant failure occurs. David feels it would be very worthwhile since MGSD is now depending on the Douglas County Sheriff's office. The cost would be \$4,000-\$5,000. The Board directed that the purchase of the alarm system be brought up at the budget hearing for consideration.

The Town of Gardnerville has inquired as to what point MGSD would give the \$3,500 toward the storm drain in Court House Alley that they agreed to give the town. Discussion followed. The Board directed that the money would be given to the town at the next board meeting after a copy of the signed contract for the storm drain construction is given to MGSD.

David LaBarbara presented the ordinance drawn up by Bill Peterson at the Board's request which would allow government entities such as GRGID to contract sewer service with MGSD. The second part of the ordinance changes sleeping rooms to be charged 1/3 of a unit for 3 drains. Any additional drains are to be assessed at 1/10 of a unit each. Motion by Vic Pedrojetti to accept ordinance number 61 dealing with contract of service and sleeping rooms. Seconded by Jerome Etchegoyhen. Motion carried.

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Minden-Gardnerville Sanitation District  
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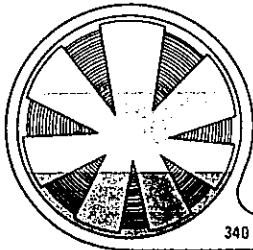
David LaBarbara presented a proposal from Jon R. Smith for the appraisal of the Mack sewer line easement for the sum of \$6,800.00. Discussion followed. Motion by Louis Neddenriep to authorize Jon R. Smith to appraise the Mack sewer easement at a cost of \$6,800.00. Seconded by Jerome Etchegoyhen. Motion carried.

Secretary's Report: The Secretary related that notification had been received from Louis Bustanhoby that Shelly's Beauty Shop no longer exists and the entire building is being used as a residence. Mr. Bustanhoby wishes to have his sewer user fee billing reduced to reflect residential use only. The Board directed David LaBarbara to inspect the building drains.

Meeting adjourned at 11:45 P.M.

Approved: 4-4-89 By: \_\_\_\_\_

A handwritten signature in dark ink, appearing to read "David P. Hill", is written over a horizontal line. The signature is fluid and cursive.



# RESOURCE CONCEPTS INC.

PLANNING • ENGINEERING  
RESOURCE MANAGEMENT

340 N. MINNESOTA ST. • CARSON CITY, NEVADA 89701 • (702) 883-1600

March 7, 1989

Board of Trustees  
Minden-Gardnerville Sanitation District  
Post Office Box 568  
Minden, Nevada 89423

SUBJECT: Carson Valley Inn Sewer Line Relocation

Dear Chairman and Members of the Board:

We have reviewed the as-built drawings submitted for the Carson Valley Inn's relocation of the existing sewer line between Eighth Street and Tenth Street. Because of problems in the slopes on the initial construction work, the last section between the tie-in manhole and the first new manhole (approximately 296 feet) was re-laid last weekend. This was done as approved at the special Board meeting held Friday, March 3, at which time the 12-inch pipe was approved as a substitute for the 8-inch pipe because of the insufficient slope to meet District standard.

On March 6, we received as-built drawings from the engineer, DC West. We have reviewed the as-built drawings and recommend their approval subject to several conditions. These include:

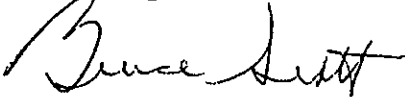
1. Bringing the manholes to grade in accordance with the Nevada Department of Transportation requirements when paving operations can commence with warmer weather. In conjunction with this, a final cleaning and flushing of the new line with approval by the District will be required before the line is put into service.
2. In conjunction with placing the new line in service, plugging of the existing line as shown on the plans and as inspected and approved by MGSD. This will block the line entering the Carson Valley Inn property and leave it as a lateral for use by the Inn only. It will also close the existing 8-inch line just below the Carson Valley Inn service drive to leave the Bacon Building on the existing 8-inch line. The flows from the Carson Valley Inn will go along the service drive to 395 in the new line which was installed as a part of this project.

Board of Trustees  
Minden-Gardnerville Sanitation District  
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Page 2

3. On Sheet No. C-1, changing the 8-inch sanitary sewer identification in the plan view to 12-inch to match the revised pipe.
4. Satisfactory approval from the Department of Transportation as requested at the special Board meeting on March 3. Gale Taylor of the Nevada Department of Transportation has indicated he will send a letter as soon as he has received information on compaction. It is my understanding that DC West is providing this information and getting the letter to MGSD from the Department of Transportation.
5. A stamped and sealed set of sepiia drawings should be provided to the Sewer District for their permanent files and one blue-line set to us for our files.

I will be pleased to discuss any questions which the Board may have.

Sincerely,



Bruce R. Scott, P.E.  
District Engineer

cc: Dan Dailey, P.E.  
Douglas County Public Works Department  
Carson Valley Inn  
Marnell Corrao Associates  
H.M. Byars

# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, TUESDAY, MARCH 21, 1989, 12:00 NOON, BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## Agenda:

12:00 Noon Call to Order  
12:05 Westwood Village Phase III--Improvement Plans  
12:20 CWC-HDR, Inc.--Digester and Bar Screen Discussion  
12:45 Carson Valley Inn--Quit Claim Deed  
12:50 Public Commentary  
1:00 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

Please do not remove until March 22, 1989



# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Tuesday, March 21, 1989, 12:00 Noon, Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Louis Neddenriep, Jerome Etchegoyhen, Vic Pedrojetti and William Nelson

Staff Members Present:

David LaBarbara and Bruce Scott

Others Present:

Andy Burnham

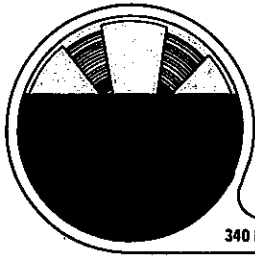
Westwood Village Phase III--Improvement Plans--Represented by Andy Burnham. Bruce Scott presented a letter describing his recommended changes to the ordinance regarding line size and slope. These changes would rectify the present use of larger diameter pipe in low slope situations which results in insufficient flow to carry all the solids to the treatment plant. Bruce read items number 1, 2, 3, and 4 from his letter. (copy of letter attached to minutes) Bruce answered the Board's questions including number 4 which allowed for longer manhole distances. The Board directed that item #1 also include the addition of sufficient access must be maintained for cleaning operation and the last sentence is to be deleted from item #4. Motion by Jerome Etchegoyhen to temporarily amend the technical requirements of the present ordinances to include items number 1 through 4 with corrections from Bruce Scott's letter of March 21, 1989. Final approval to be given to the changes at the April 4, 1989 meeting. Seconded by Vic Pedrojetti. Motion carried. Motion by Vic Pedrojetti to approve the plans of Westwood III subject to incorporating the new amended technical requirements relating to line size and slope. Seconded by William Nelson. Motion carried.

Carson Valley Inn--Quit Claim Deed. The quit claim deed for the easement between the existing casino and hotel at the Carson Valley Inn was discussed at length. Motion by Jerome Etchegoyhen to approve the quit claim deed and the Board reserves the right to plug the 8 inch line on the Bacon side of the new Carson Valley Inn manhole located in their service drive. This is consistent with the approved plans. Seconded by Vic Pedrojetti. Motion carried.

Meeting adjourned at 1:15 P.M.

Approved: 4-4-89

By: 



# RESOURCE CONCEPTS INC.

PLANNING • ENGINEERING  
RESOURCE MANAGEMENT

340 N. MINNESOTA ST. • CARSON CITY, NEVADA 89703 • (702) 883-1600

March 21, 1989

Board of Trustees  
Minden-Gardnerville Sanitation District  
Post Office Box 568  
Minden, Nevada 89423

SUBJECT: Consideration of Ordinance Changes Regarding Pipe Slope  
and Diameter

Dear Chairman and Members of the Board:

Over the past several years we have seen an increasing frequency of use of the MGSD Ordinance in a manner which I feel was not originally intended.

When developers and their engineers are faced with the situation of smaller numbers of lots in locations where flatter sewers are dictated by the existing topography and lines to which they must flow, the response has been more and more to go to larger pipes. Technically, the Ordinance allows a flatter slope with a larger diameter pipe. This is intended to provide for larger flows. Unfortunately, the Ordinance does not prohibit minor flows on larger diameter pipes.

As a fact of life, in many cases we must accept pipes which are larger in diameter initially because future development or extension will require the capacity that the larger size provides. Unfortunately, in many cases we are seeing small subdivision areas sewerred by 10-inch or even 12-inch pipe because the natural slope is nearly flat. The Ordinance does indicate that deviations from the table must be applied for as a variance and special provisions may be required by the District. A copy of this page of the Ordinance is enclosed for your reference.

Board of Trustees  
Minden-Gardnerville Sanitation District  
March 21, 1989  
Page 2

The problem with pipes which are too large in diameter for the flows they serve, is that they accumulate sewage solids because they do not flow at a cleansing velocity. This velocity is normally considered to be 2-feet per second. Some technical data indicates that sewage solids will flow at about 1-foot per second. However, at this velocity, sand and grit will frequently not flow and will settle out in the pipe. In larger pipes, it is virtually impossible for us to ever get a cleansing velocity with the same flows and, for this reason, we anticipate greater levels of maintenance for flushing as well as increased frequency of septic sewage reaching our main lines. Neither of these elements are desirable and require additional time in maintenance and cleaning as well as added difficulties in plant operation.

There are different solutions available to address this problem. It is possible to maintain the slopes in the Ordinance through the use of other engineered solutions such as lift stations. Unfortunately, the operational and maintenance costs of lift stations are significantly greater than occasional cleaning or flushing, which may be required in certain critically flat areas. I have reviewed this with David and we both agree that maintenance and uncertainty associated with lift stations is great enough to strongly direct us towards other non-mechanical options.

After much research, discussion, and review of available data, it is my opinion that the best solution is to allow some flexibility in the engineering design and specifically restrict the use of larger diameter pipes to cases where there will clearly be additional tributary areas served by the pipes in the future or current flow volumes warrant the larger pipe sizes. I would also suggest that the District's minimum pipe diameter of 8-inches be allowed in specific cases to go to 6-inches.

It is my suggestion that we consider adding to this Ordinance to allow for flatter slopes and, in some cases, smaller diameter pipe as an allowable design condition. I would recommend the following items for your consideration:

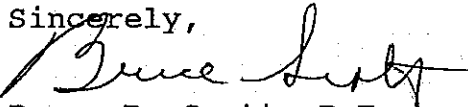
1. Where 10 or fewer EDU's are served, such as a blind cul-de-sac or other location where no extension of the sewer is possible, allowing a 6-inch pipe at the minimum 1 percent slope shown in the present Ordinance.

Board of Trustees  
Minden-Gardnerville Sanitation District  
March 21, 1989  
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2. Prohibit the use of larger diameter pipes than is required for the number of units served unless a greater area will be served by the pipe in the future or the District requires a larger diameter for future extension. The design criteria for this would be based on flows of 2-feet per second at one-half full pipe using a Mannings 'n' equal to 0.013.
3. Where 8-inch pipes cannot be laid at the .4 or .6 percent slope required by the Ordinance, make provision for engineered systems where calculations demonstrate the ability to meet a flow velocity of at least 1.5 feet per second. Pipes using this design would be allowed only with the approval by MGSD of engineering calculations submitted and signed by a licensed professional engineer. Review by MGSD would include the review of alternatives by which pipe slopes might be increased as well as consideration of the length of sewer, location of the sewer line, feasibility and accessibility for maintenance and cleaning, and other criteria which would be of impact on the District once the line had been accepted.
4. The present Ordinance requires a 300-foot spacing between manholes on 8-inch and 10-inch lines. I would recommend that a 300-foot manhole spacing on 6-inch lines be adopted if the considerations for 6-inch line are approved. I would also recommend that the 8-inch and 10-inch diameter pipe spacing between manholes be allowed to go to 400-feet where physical, as well as legal, access was available from both ends of the manhole. This would preclude the longer distance in areas where manholes were close to obstructions or obstacles but would allow the longer distance where the physical ability to reach in both directions for maintenance purposes was established. For 12-inch lines, I would suggest we keep the 400-feet in the Ordinance unless clear physical and legal access is available at both ends, in which case a separation of 500-feet would be allowed.

I will be happy to discuss these items with you further at today's meeting.

Sincerely,



Bruce R. Scott, P.E.  
District Engineer

BRS:db

cc: Dave LaBarbara  
enclosure

**RESOURCE CONCEPTS INC.**

340 N. Minnesota \* Carson City, Nevada 89703 \* (702) 883-1600

In deep (cone-type) manholes where the depth exceeds 4-1/2 feet, the contractor shall furnish and set manhole steps. Such steps shall be spaced twelve inches apart vertically and shall be galvanized wrought iron conforming to ASTM Designation A207, hot dip galvanized after fabrication, or aluminum alloy steps. No steps shall be placed in shallow (flat-top) manholes. All manholes exceeding 4-1/2 foot depth shall use offset cone type precast manholes.

A 24-inch diameter cast iron frame and cover which is manufactured from gray cast iron conforming to ASTM Specification No. A-48 Class 30, which has matching machined seating surfaces, one pick hole and one centrally located 1" dig hole, and which is designed for the maximum traffic loading expected, shall be carefully mortared in place. All interior surfaces of the manhole shall be smoothly mortar finished. No more than two 4-inch high grade rings shall be allowed under the cover.

Manholes shall be spaced no further apart than allowed by the following table:

Maximum Distance Between Manholes	
Diameter of Pipe (inches)	Spacing Between Manholes (
8-10"	300'
12"	400'
15" or larger	Will be reviewed individually

# PRESENT ORDINANCE

Pipe Diameter (inches)	Number of Equivalent Units Served	Minimum Slope
8"	10 or less	1.00%
8"	11-20	.60%
8"	Above 20	.40%
10"		.30%
12"		.22%
15"		.15%
18" and up		2 fps @ 1/2 full, n=0.013

Deviations from this table must be applied for as a variance; and special provisions may be required by the District

### 3 Laying Clay Pipe

Following the trench preparation, pipe laying shall proceed upgrade with pipe laid carefully, hubs up-grade, spigot ends fully entered into adjacent hubs, and true to lines and grade. Every pipe shall be carefully inspected before laying and any pipe section containing cracks or other defects shall not be used. Extreme care must be taken to prevent breakage when the pipe is handled. Sockets shall be carefully cleaned before pipes are lowered into trenches. The pipes shall be so lowered as to avoid unnecessary handling in the trench. Each section of pipe shall rest upon the pipe bed for the full length of its joints. Each pipe shall be firmly held in position so that the invert forms a continuous grade with the invert

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, WEDNESDAY, MARCH 29, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Digester Discussion  
8:15 Public Commentary  
8:25 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

Please do not remove until March 30, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Wednesday, March 29, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Vic Pedrojetti, William Nelson, Louis Neddenriep and Daniel Hellwinkel

Staff Members Present:

David LaBarbara

Digester Discussion: The Board discussed the expansion of the plant with the superintendent. The digester and bar screen were the main topics. Adding an additional digester, floating covers and whether or not to include a building for the bar screen were discussed in detail. Rob Williams is to provide additional information for the Board at the April meeting.

Meeting adjourned at 9:45 P.M.

Approved: 4-4-89

By: 



# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, APRIL 4, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of March 7, 1989, March 21, 1989 and March 29, 1989  
7:45 CWC-HDR, Inc.--Digester and Headworks Discussion  
8:15 Douglas County--Septic Tank Disposal  
8:30 Bently Nevada--Industrial Waste Permit  
8:40 Western Nevada Properties--As-Builts Approval  
8:50 Gardnerville Ranchos General Improvement District--Capacity Discussion  
9:15 South Valley Properties--Capacity Request  
9:25 Tentative Budget for 1989-90  
9:40 Temporary Ordinance Amendment  
9:50 Non-Payment of Assessments  
10:00 Engineer's Report  
10:15 Superintendent's Report  
10:30 Secretary's Report  
10:40 Public Commentary  
10:50 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report.

All persons attending the board meeting are required to sign the guest register

Please do not remove until April 5, 1989

# **Minden-Gardnerville Sanitation District**

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, April 4, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

## Board Members Present:

Jerome Etchegoyhen, Daniel Hellwinkel, Louis Neddenriep, William Nelson and Vic Pedrojetti

## Staff Members Present:

Bruce Scott, David LaBarbara and Bonnie Sarasola

## Others Present:

Rob Williams, Bill Tomerlin, Steve Holton, Bill Laughlin, Dave Merrill, Jim Vasey, Andy Burnham, Bruce Nystrom, Bill Tomerlin, John West, Phil Martin, Stan Stegheman and Ken Ristuben

Minutes of March 7, 1989, March 21, 1989 and March 29, 1989 were read. Motion by Vic Pedrojetti to accept the minutes of March 7, 1989, March 21, 1989 and March 29, 1989. Seconded by Louis Neddenriep. Motion carried.

CWC-HDR, Inc.--Digester and Headworks Discussion--Represented by Rob Williams. The board members were provided with copies of a letter from CWC-HDR, Inc. dated March 31, 1989 which addressed the capacity of the plant. (copy of letter attached to minutes) The Chairman initiated a discussion of the letter in which a lengthy discussion took place regarding the handling capacity of the clarifier, lack of grit chamber efficiency, and Mr. William's statement that after the improvements which are addressed in the letter are made the plant will be a 1.5/gpd capacity plant. Rob Williams related that another clarifier would cost approximately \$650,000. Capacity discussion followed. David LaBarbara discussed current plant operation. Rob Williams addressed the ratios used to estimate plant capacity. David LaBarbara recommended giving Rob Williams recent MGSD operations data to use to calculate plant capacity rather than using theoretical data calculations used in his letter. Discussion followed concerning additional clarifier, bar screen, digester and effluent process. Rob Williams addressed a floating cover digester. A fixed cover digester would work the same as a floating cover, but allows more efficient mixing. In using two digesters, one should be primary and the other secondary and could be operated independently. In order to use both digesters independently, a second heater would be required. The Chairman felt that if the old digester was cleaned and repaired a second digester would not be required. Discussion followed on floating and fixed digester covers. David LaBarbara recommended that the Board consider another final clarifier before doing another grit chamber and construct a new digester along with bar screen and headworks. Motion by William Nelson to construct a new digester, bar screen and channel and to include the footing for a future building in connection with the bar screen and to modify the existing digester. Seconded by Jerome Etchegoyhen. Motion

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Minden-Gardnerville Sanitation District  
April 4, 1989  
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carried. David LaBarbara asked permission from the Board to give Rob Williams plant operational data to determine plant capacity rather than using theoretical data. The Board agreed that David LaBarbara could provide plant operational data to Rob Williams.

Douglas County-Septic Tank Disposal--Represented by Jim Vasey and Andy Burnham. Jim Vasey related that Rich Drew, Douglas County water engineer was unable to be present but they were present to discuss possible septic tank disposal at the MGSD plant. Andy Burnham related that a proposal had been submitted to the Douglas County Commissioners to develop an evaporation pond for septic waste. The Commissioners would not consider the proposal due to the construction cost of \$150,000. The Commissioners also made a commitment to the Johnson Lane residents that they would not have any septic type disposal in that area. David LaBarbara related that he had researched septic waste using EPA manuals and discussion with other plants. The septic waste is approximately fifty times stronger than average sewage influent in BOD and SS. The plant would be taking in grease which MGSD is removing. Andy Burnham related that septic waste would probably generate 3,000 to 4,000 gallons per day. David LaBarbara discussed pre-treatment, screening, degreasing, solids handling, plant problems, dilution problems, loading and small amount of plant flow involved with the dumping of septic waste. The EPA recommends a minimum 100 meters separation between septage dump and residential areas. This would not be possible to attain. David also related septage dumping could cause MGSD to violate its discharge permit and could also create public outcry due to odor. David contacted other plant facilities of MGSD's size and found that most were having problems due to insufficient plant flows which does not allow enough dilution and were not accepting septage dump. The Placerville plant was going to a specially designed facility for septage dumping. MGSD is already experiencing solids capacity problems. If MGSD were a larger plant the dilution for septage dump would be greater. David questioned why the land fill could not take the septage dumping. John West, EPA representative, related that septage dumping may be contaminating the observation wells and ground water due to the fact that the liquid portion of the septage is drawing leachate to the ground water. The EPA has issued a violation order. Mr. West related that septic companies will have to travel further to dispose septage and thus will be able to serve less customers. Mr. Vasey related that the Commissioners have made a determination that septic companies will have to dispose of septic waste in Carson City or Reno. Discussion followed. Mr. Vasey questioned if the Board recognizes septage dumping as a possibility and if so under what conditions or would the answer be no? The Chairman felt that if the Board agreed to take septage dumping that the people adjacent to the plant would stop MGSD from receiving septic waste. The rest of the Board felt as the Chairman did and also felt that the septage dumping would not be limited to Douglas County residents. Motion by Louis Neddenriep that MGSD turn down the Douglas County proposal for the MGSD plant to receive septic waste. Seconded by William Nelson. Motion carried. Jerome Etchegoyhen related that he hoped Douglas County understood why MGSD made their decision and felt that David LaBarbara should write a letter outlining why the

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Minden-Gardnerville Sanitation District  
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the septic waste proposal was turned down. The Board directed David La-Barbara to write a letter to Rich Drew outlining the decision by the Board not to accept septic waste.

Bently Nevada--Industrial Waste Permit--Represented by Bill Laughlin. David LaBarbara related that it is time for Bently Nevada to renew their industrial waste permit and Mr. Laughlin is present to request renewal of the industrial waste permit. David LaBarbara related that Bently is generating a better quality of water than MGSD has received before and the reported numbers are on average one-fourth to one-third of what the industrial discharge permit allows. Discussion followed. Motion by Louis Neddenriep to renew the industrial discharge permit for Bently Nevada for a period of one year due to Bently Nevada's excellent record for the past six months. Seconded by William Nelson. Motion carried.

Western Nevada Properties--As-Builts Approval--Represented by Steve Holton. David LaBarbara presented as-builts for Board approval for the 21" sewer main for Winhaven Phase I. David related that MGSD has performed final inspection on the line. Dave Merrill of Lumos & Associates has also performed final inspection on the line. Rob Williams of CWC-HDR, Inc. related that he had reviewed the as-builts and feels that they are in conformance with the approved drawings and presented a letter recommending approval of the sewer main. Dave Merrill presented a letter dated April 4, 1989 recommending approval of the sewer main and addressed the plans and measurements and stated that there is adequate grade. Discussion followed concerning settling, grade, and construction. Motion by Jerome Etchegoyhen to approve the sewer main for Winhaven Phase I as per as-built drawings as per recommendation of Rob Williams and Dave Merrill. Seconded by Vic Pedrojetti. Motion carried.

Steve Holton requested that MGSD refund the interceptor fee which had previously been paid on 56.0 units in Winhaven Phase I. Motion by William Nelson to reimburse the interceptor fee to Western Nevada Properties for 56.0 units for Winhaven Phase I. Seconded by Louis Neddenriep. Motion carried.

Gardnerville Ranchos General Improvement District-Capacity Discussion--Represented by Bruce Nystrom. The Chairman related that a tentative proposal had been given to GRGID for obtaining sewer capacity by contract of service. Mr. Nystrom, Chairman of the GRGID board related that some of the GRGID board members were in favor of MGSD's proposal and some board members were not. Mr. Nystrom related that he wished to get some clarification from the MGSD board. Mr. Nystrom asked if MGSD would consider one contract with an open portion to allow additional capacity to be added as needed. GRGID does not want multiple bills and multiple contracts. Louis Neddenriep discussed selling capacity to individual Ranchos property owners and then turning the capacity over to GRGID. The Chairman felt that the Board would object to one contract. Bill Tomerlin addressed having one contract with the same wording as in all the contracts. The Chairman related that the wording in future contracts could change since contract wording changes have been made in the past. Contract discussion followed. The Board generally felt that they would favor individual contracts

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Minden-Gardnerville Sanitation District  
April 4, 1989  
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and that GRGID would have to be treated the same as other people in the District. The MGSD secretary related that she felt for record keeping purposes, individual contracts are best. Something feasible could be worked out between MGSD and GRGID for billing purposes. Mr. Nystrom asked about acreage fee and David LaBarbara explained it was part of MGSD's standard contract fees. Mr. Nystrom reviewed MGSD's standard contract and discussed Section 3 regarding sewer line construction. Mr. Nystrom then read aloud Section 4 relating to the granting of a 20' sewer easement. The Chairman felt that section would have to remain in the contract. It would only apply to parcels brought in by contract. MGSD would contract with the owner and then the owner would turn the contract over to GRGID. Mr. Nystrom related that GRGID would not want the easement given to MGSD. Discussion followed concerning the easements given to MGSD by GRGID for the trunk line. Bruce Scott related that the easements on contract of service could be granted to both MGSD and GRGID. Discussion followed. The Chairman related that the MGSD ordinance had been changed to allow such entities as GRGID to contract with MGSD. The Chairman related that probably what would happen is that the annexation application would be denied, a contract of service hearing would take place and then MGSD would figure out a mechanism so that the contract could be turned over to GRGID. Bill Tomerlin discussed commercial building aspects as regards unknown amount of capacity requirements. Discussion followed. Mr. Nystrom thanked the MGSD Board.

South Valley Properties--Capacity Request--Represented by Phil Martin and Sam Stegheman of Thiel-Wunschel and Associates. Project plans were presented for commercial buildings A and B and a parking lot to be located on the Colt-Taylor property at approximately Hwy. 395 and Mill Streets in Gardnerville. The representatives related that no firm commitments have been made as to what kinds of businesses will occupy the buildings and therefore the drain count is unknown. David LaBarbara related that there are 10.0 EDU's assigned to each parcel and there is one building on each parcel. David related that there is a 20' sewer easement which was also confirmed by Bruce Scott. Bruce was of the opinion that part of the easement runs under building A. Bruce recommended that the easement be verified in relation to the line and a note be added on the back fill that MGSD inspect back fill for the connection to the main. David related that there had been no change in the parcel map, but the two parcels are owned by the same person. Bruce felt that the County will require that the parcel map be dissolved which could be done by a lot line adjustment. The Board felt that the plans could not be approved until the corrections are made. Motion by Jerome Etchegoyhen to approve the building plans for 20.0 units of capacity for South Valley properties subject to approval by Bruce Scott that the line is in the easement and the building is located 6 feet away. The rest of the board felt that they wanted to see the final plans before approval is given. The motion died for lack of a second.

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Minden-Gardnerville Sanitation District  
April 4, 1989  
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McDonald's--Plan Approval--Represented by Ken Ristuben. The Chairman asked the Board if they would hear Mr. Ristuben's remodel plans which was not on the agenda. The County Building Department did not inform him he had to get approval from MGSD until his plans were approved. David LaBarbara related that the dining area is being expanded and no further capacity is required. A zero capacity sewer permit is in order. The plans do not affect their own lateral. The present grease trap in the facility is as large as can be used without going to an outside grease trap. Mr. Ristuben related that the grease trap is cleaned once a month in the summer and once every two months in the winter. Bruce Scott addressed problems with the County Building Department. Motion by William Nelson to approve the remodel plans for McDonald's expansion and to issue a zero capacity sewer permit. Seconded by Vic Pedrojetti. Motion carried.

Temporary Ordinance Amendment: David LaBarbara related to the Board that Steve Malvey had drawn up an ordinance change that includes the temporary ordinance amendment passed by the Board on March 21, 1989 dealing with line size and slope which would rectify the use of larger diameter pipe in low slope situations. Discussion followed. Motion by Louis Neddenriep to adopt ordinance #62 which amends pipe size and slope and ordinance #63 which amends manhold distance. Seconded by Jerome Etchegoyhen. Motion carried.

Non-Payment of Assessments: David LaBarbara related that Steve Malvey researched delinquent assessments for the Carson Valley Industrial Park and advises there are two ways delinquencies can be handled. The District can either go through legal channels and take action by means of a lawsuit through the District Court or go through the County Treasurer through their delinquency procedure. The latter method takes longer, but would not cost MGSD anything. Motion by Jerome Etchegoyhen to use the Douglas County Treasurer to handle delinquent assessments for the Carson Valley Industrial Park. Seconded by Vic Pedrojetti. Motion carried.

Engineer's Report: Bruce Scott discussed Resource Concepts billing for the Carson Valley Inn. Bruce related that the charges are excessive due to the amount of extra work involved with the project.

Bruce Scott related that the 1988 Rehabilitation Phase I is 91% complete. The asphalt remains to be completed. Bruce discussed tree replacement for the Hellwinkel property and related that a change order would be required if there is tree replacement. The EPA has approved payment for tree replacement. Discussion followed concerning not replacing the trees and infringing on the MGSD easement. Bruce requested approval before the next regular meeting. Discussion followed. Bruce will talk to Don Hellwinkel. If the trees are to be replaced, a change order will be presented at the next regular meeting.

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Minden-Gardnerville Sanitation District  
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Bruce Scott related that the 1988 Rehabilitation Phase II-Post Office Alley is 72% complete. Bruce discussed the asphalt patching. Bruce related that there were manholes replaced that appeared to be in good repair, but actually the bases were no good. Some of the manholes required elevation adjustment to assure a smooth flow line. There are the same number of manholes as indicated on the plans. There are two manholes located at the upper end of the project which are relatively close together in order to meet the MGSD ordinance. Bruce informed the Board that the roof drain from the Abbott Building is now draining into a clay pipe which is dumping into the sewer trench. Since this is against the MGSD ordinance, Bruce suggested plugging the clay pipe and let the roof drain across the alley and saw cut the sidewalk, install a metal channel with a metal plate on top to allow the water to drain into the gutter. Bruce related that the drainage change would be eligible for EPA funding. Discussion followed. Motion by Vic Pedrojetti to resolve the drainage problem at the Abbott Building as per Bruce Scott's recommendation. Seconded by William Nelson. Motion carried. Bruce gave David LaBarbara a copy of the Suter Construction compaction tests.

Bruce Scott related that he had supplied Bill Peterson with information which he had requested in regard to the Mack easement.

Superintendent's Report: David LaBarbara discussed a capacity payment which has occurred with the Stonegate project due to the fact that the property is parceled. David discussed the MGSD ordinance in regard to capacity payment for final parcel maps vs. final map. Steve Malvey recommended that the ordinance be changed so that capacity payment for final parcel maps limited to residential use and final subdivision maps be the same to close the loophole. Discussion followed. Motion by Louis Neddenriep to change MGSD ordinance 9, section L. to include final parcel map limited to residential use. Seconded by Vic Pedrojetti. Motion carried.

Tentative Budget 1989-90: David LaBarbara reviewed the tentative 1989-90 budget in detail with the Board. David discussed the need for roof repair to the administration, influent and digester buildings. Discussion followed on bids, type of roofing, etc. The Board directed that \$10,000 be included in the budget for roof repair. The digester building roof should be repaired and the leaks in the administration building. David related that a submersible pump was needed at a cost of approximately \$650.00. David also related that he would like to include the automatic dialer alarm system at approximately \$5,000 and discussed the deteriorating asphalt situation. David discussed an estimate received from Kustom Koting for overlay, seal and filling the cracks. The Board agreed to include asphalt repair in the 1989-90 budget. Motion by Louis Neddenriep to approve the Minden-Gardnerville Sanitation District tentative budget for 1989-90, to include roof repair, submersible pump, automatic dialer alarm system and asphalt repair. Seconded by Vic Pedrojetti. Motion carried.

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Minden-Gardnerville Sanitation District  
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David LaBarbara related that he inspected the old Shelley's Beauty Shop building. The building is now being used as a residence and informed Mr. Bustanhoby that he should send a letter to the Board requesting credit for the beauty parlor drains if he wishes the drains for future use.

David LaBarbara related a letter has been received from Bob Oswald requesting that his 28.0 units of capacity be assigned to the parcel where the improvements are located and included the legal description.

David LaBarbara related that the State is requesting that a survey be completed for the diesel oil underground storage tank located on MGSD property. The Board directed that David LaBarbara complete the survey and return it to the State.

David LaBarbara related that he had discussed termination of the employment of Darryl Morris with as many of the board members as he could contact. It was decided to terminate Mr. Morris' employment. The position will be re-advertised and another employee hired.

David LaBarbara asked direction to answer Mr. Hirschman in regard to available capacity for the proposed Ranchos Middle School. The Board directed that an answer could not be given until the GRCID lawsuit is resolved.

Meeting adjourned at 12:00 A.M.

Approved: 5-2-89

By: 



**CWC-HDR, Inc.**  
An HDR Engineering, Inc.  
Company

3461 Robin Lane  
P.O. Box 518  
Cameron Park, California  
95682-0518

Telephone:  
916 677-1695

*on memo*

125-001-041  
March 31, 1989

Mr. David LaBarbara  
Superintendent  
Minden-Gardnerville Sanitation District  
P.O. Box 568  
Minden, NV 89423

RE: CAPACITY OF WASTEWATER TREATMENT PLANT

Dear Dave:

The Board requested that we estimate the treatment capacity of the plant. Because the plant includes many individual treatment processes, each with its own capacity, we have evaluated the plant on a process-by-process basis. The results of this analysis are summarized in the enclosed table. Inspection of the table shows that the limiting capacity is 0.9 mgd for the grit basins and secondary clarifiers. This analysis assumes that the new bar screen and anaerobic digester will be installed. The existing flow to the plant is in the range of 0.9 to 1.0 mgd. We anticipate that flows to the plant will increase due to the development in the Minden-Gardnerville area, and therefore, the two limiting processes should be expected.

The next improvement at the plant should be the construction of another secondary clarifier, together with upgrading of the existing secondary clarifier. We recommend that the Board plan to construct a new secondary clarifier within 2 years. The grit basin should be expanded at the same time to minimize grit accumulations in the plant. Grit that is not removed at the grit basin typically ends up in the digester, which reduces its active volume. We believe that the existing digester has significant accumulations of grit and other heavy material which reduces its effectiveness.



**H D R**

Mr. David LaBarbara  
Minden-Gardnerville Sanitation District  
March 31, 1989  
Page 2

Following construction of the secondary clarifier, the influent pumping capacity should be increased and the chlorine contact tank expanded. After all these improvements are complete, the plant will have a treatment capacity of at least 1.5 mgd. The limiting capacity at that time will be the trickling filter feed pumps.

We would be pleased to discuss the findings of this analysis with you. Please call if you have any questions.

Very truly yours,

A handwritten signature in cursive script that reads "Rob".

Robert B. Williams  
Vice President

RBW:ko

Enclosure

WASTEWATER TREATMENT PLANT CAPACITY  
MINDEN-GARDNERVILLE SANITATION DISTRICT

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Process	Equivalent Average Daily Flow, mgd
Influent Pumps	1.2
Bar Screen (New Screen)	2.0
Parshall Flume	1.9
Grit Basin	0.9*
Primary Clarifier	2.3
Trickling Filter Pumps	1.5
Trickling Filters	2.0
Aeration Basin	2.0
(With Second Basin)	3.5
Secondary Clarifier	0.9*
Chlorine Contact	1.0
Anaerobic Digester	
Existing	1.1
Clean	1.4
With New Tank	3.0

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\*Processes with lowest capacity.

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# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, THURSDAY, APRIL 20, 1989, 12:00 NOON, BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

AGENDA:

12:00 Noon Call to Order  
12:05 Mack Capacity Discussion  
12:35 Public Commentary  
12:45 Adjournment

  
Bonnie F. Sarasola  
Executive Secretary

PLEASE DO NOT REMOVE UNTIL April 21, 1989

# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Thursday, April 20, 1989, 12:00 Noon, Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada.

Board Members Present:

Vic Pedrojetti, Louis Neddenriep, William Nelson, Jerome Etchegoyhen and Daniel Hellwinkel

Staff Members Present:

David LaBarbara

Mack Capacity Discussion: Louis Neddenriep and Vic Pedrojetti presented the results of their meeting with the Mack's regarding the Mack agreement for reserved capacity. After discussion the Board felt that a new agreement superseding the previous agreements would be in order. William Nelson moved that a final settlement for payment for the easement through Mack's property contain the following:

1. Credit for the 3 lots paid for in 1984, leaving a balance of 43,700 gallons.
2. In lieu of payment for the easement for the 43,700 gallons, the capacity fee will be reduced from \$2,250.00 to \$1,125.00 per EDU based on 350 gallons per EDU.
3. The acreage fee will be \$600.00 per acre of property annexed to the District.
4. The connection fee will be \$275.00 for residential uses and \$300.00 for commercial connections and other uses to obtain a sewer permit.

Additionally, the Mack's will have the document prepared and the MGSD Board and attorney will review it. Each party will be responsible for its own legal fees for review. Seconded by Jerome Etchegoyhen. Motion carried.

Meeting adjourned at 12:40 P.M.

Approved: 5-2-89 By: Daniel P. Hellwinkel


# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, MAY 2, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of April 4, 1989 and April 20, 1989  
7:45 Pipeline Inn--Capacity Sewer Permit  
7:50 Jay Aldridge--Plan Approval and Capacity Request  
8:00 Western Nevada Properties--Line Acceptance  
8:10 Mill Street Plaza--Plan Approval and Capacity Request  
8:20 Thompson Trophy Parcel--Plan Approval and Capacity Request  
8:30 Westwood Park III--Improvement Plans Approval  
8:45 Bob Oswald--Plan Approval  
8:55 Douglas County--Request for RV & Topaz Waste Disposal  
9:20 Engineer's Report  
9:35 Superintendent's Report  
9:50 Secretary's Report  
10:00 Public Commentary  
10:10 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report.

All persons attending the board meeting are required to sign the guest register

Please do not remove until MAY 3, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, May 2, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

## Board Members Present:

Jerome Etchegoyhen, William Nelson, Vic Pedrojetti, Daniel Hellwinkel and Louis Neddenriep

## Staff Members Present:

Bruce Scott, David LaBarbara and Bonnie Sarasola

## Others Present:

Jim Vasey, Rob Fellows, Steve Holton, David Gerber, Sam Stegieman, Jay Aldrich, Bob Taylor, Peter Beekhof, Gene Gibell, J. Page

The meeting was called to order by Vice-Chairman Louis Neddenriep.

Minutes of April 4, 1989 and April 20, 1989 were reviewed. The Secretary related that MGSD legal counsel had reviewed the April 20, 1989 minutes and wished the content to be broadened to clarify the meaning of the minutes. Replacement minutes were given to the Board for review. Motion by Vic Pedrojetti to accept the minutes of April 4, 1989 with the sentence following Mr. Nystrom reviewed MGSD's standard contract and discussed Section 3 regarding sewer construction on page 4 to be deleted from the minutes. The replacement minutes of April 20, 1989 are accepted. Seconded by Jerome Etchegoyhen. Motion carried.

The meeting was then turned over to Chairman Daniel Hellwinkel.

Pipeline Inn-Capacity Sewer Permit-Represented by David Gerber. Mr. Gerber presented plans for Board review to change the configuration of the bar in the Pipeline Inn. There will be no additional drains. David LaBarbara related that the plans have been reviewed and a zero capacity sewer permit is required. Motion by Louis Neddenriep to issue a zero capacity sewer permit for the Pipeline Inn. Seconded by Vic Pedrojetti. Motion carried.

Jay Aldrich--Plan Approval and Capacity Request--Represented by Jay Aldrich. Plans were presented to tie the existing detached garage located at 1641 Esmeralda to the existing lateral which sewers back to Post Office Alley. Mr. Aldrich wishes to turn the garage into a studio and office for himself plus a family room, bath and laundry for his mother. Discussion followed concerning mother-in-law residence, commercial business and the MGSD ordinance. Jerome Etchegoyhen felt one unit of capacity should be purchased. Motion by Jerome Etchegoyhen to sell 1.0 unit of commercial capacity to Jay Aldrich to turn the existing garage at 1641 Esmeralda into a studio-office and mother's quarters under the modified moratorium motion of August 2, 1988. The remodeling plans are also approved. The rules, regulations and requirements of MGSD are to

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/ be met and the capacity fee and connection fee are to be paid. Seconded by William Nelson. Motion carried.

~~Western Nevada Properties~~ Line Acceptance--Represented by Steve Holton. Mr. Holton related to the Board that the sewer main on Norfolk Court had been completed and wished to obtain line acceptance from MGSD. David LaBarbara presented a letter received from Rob Williams recommending acceptance subject to the addition of a drop manhole on the drawings. The drop manhole has been added. The inspection was done by the MGSD staff and meets the MGSD ordinance. Discussion followed concerning line flushing. Motion by Jerome Etchegoyhen to approve and accept the Norfolk Court sewer improvements. Seconded by William Nelson. Motion carried.

David LaBarbara related that the MGSD staff inspects the collectors and the inspection costs are being passed on to the developer.

/ ~~Mill Street Plaza~~ Plan Approval--Represented by Bob Taylor, Sam Stegieman and Robert Taylor. David LaBarbara related to the Board that the project had been before the Board in April, but due to the fact that the Board required further information, the project was not approved. Bruce Scott presented a letter from Resource Concepts, Inc. dated April 24, 1989 which he related is now superseded by the plans. The building has been moved to conform with the easement location. Mr. Taylor has the deed to remove the lot line and create one large parcel. Steve Malvey has reviewed the document to remove the lot line and advises that the deed does remove the lot line to form one large parcel. Bruce Scott feels that the problems have been addressed and recommended approval of the plans. David LaBarbara related that the owner is requesting the use of 12.0 of the 20.0 available sewer units for this project. Bruce Scott advised that with the lot line deletion the 20.0 available sewer units could be used in either building. David LaBarbara asked for Board direction as to further requests for the use of the remaining sewer units. The Board advised that the owner would have to make formal requests from the Board. Discussion followed. Motion by Jerome Etchegoyhen to approve the plans for Mill Street Plaza at Hwy. 395 and Mill Streets. 12.0 units of capacity are approved out of the 20.0 available sewer units for the project. The rules, regulations and requirements of MGSD must be met and connection fees paid. Seconded by Vic Pedrojetti. Motion carried.

/ ~~Cottonwood Estates~~ Capacity Request--Represented by Bob Taylor, Sam Stegieman and Nabert Taylor. David LaBarbara related that the project is located at Cottonwood and Douglas Avenue. The project calls for 35.0 units of capacity and there are 34.0 units of capacity available. Previously the owner requested that 1.0 unit of capacity be moved from the Mill Street property which was denied by the Board due to the fact that the ownership was not contiguous. The owner is requesting that MGSD



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sell 1.0 unit of capacity to complete the project. Motion by Louis Neddenriep to sell 1.0 unit of capacity under the modified moratorium motion of August 2, 1988 for Cottonwood Estates at Cottonwood and Douglas Avenue. The rules, regulations and requirements of MGSD are to be met. The capacity fee and connection fee are to be paid. Seconded by Jerome Etchegoyhen. Motion carried.

~~Thompson Trophy Parcel~~ - ~~Plan Approval and Capacity Request~~ - Represented by Peter Beekhof. David LaBarbara related that the owner is planning to build an additional building to be used as a contractors office behind the Logan Building on High School Street. The plans call for 1.0 unit of capacity. The plans include sewer connection to the existing lateral. There is a 10 foot sewer easement for the Logan Building and David LaBarbara presented a map showing the easement for Board review. Discussion followed regarding easements in Gasoline Alley. Bruce Scott related that he will research Gasoline Alley for easements and use right. The Board generally felt that if there is not an existing easement in Gasoline Alley that now is the time to procure an easement if possible for the project before the Board. Motion by Jerome Etchegoyhen to approve the plans for the construction of a construction office behind the Logan Building on High School Street and sell 1.0 unit of sewer capacity under the modified moratorium motion of August 2, 1988. Bruce Scott is to research Gasoline Alley for an existing easement. If there is no easement and the owner has an interest in the alley an easement is to be given to MGSD. William Nelson felt that research should be done on the easement before approval is given. Discussion followed concerning easement and the builders time frame. Vic Pedrojetti agreed with William Nelson. The motion died for the lack of a second. Bruce Scott related that he could probably research the Gasoline Alley easement in a couple of days. The Chairman declared the matter tabled until the next meeting. Motion by Jerome Etchegoyhen that if it is found after Bruce Scott researches Gasoline Alley, that there is an easement or use right that MGSD agrees to sell 1.0 unit of capacity under the modified moratorium motion of August 2, 1988. The plans are also approved. The rules, regulations and requirements of MGSD are to be met and the capacity fee and connection fee are to be paid. The motion died for the lack of a second. The matter will be put on the next meeting agenda.

~~Westwood Park III~~ - ~~Improvement Plans Approval~~ - Represented by Robb Fellows and Jim Vasey. Plans were presented for the third phase of patio homes in Westwood Park. The plans call for 18 units. Bruce Scott related that the plans have been reviewed and recommended approval with one correction. The stubs from the sewer main should be terminated three feet behind the sidewalk. Discussion followed. Motion by Vic Pedrojetti to approve the sewer improvement plans for Westwood Park III subject to recommendation of Bruce Scott to terminate the stubs from the sewer main three feet behind the sidewalk. Seconded by Louis Neddenriep. Motion carried. The Chairman signed the improvement plans.

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David LaBarbara discussed the drainage problem from the patio homes on to the MGSD easement. An on-site inspection was conducted with Rob Anderson and it was decided that the watering schedule would be cut down, a berm would be built up, a sprinkler head modified and a drain pipe which is draining on to MGSD property would be removed. If those changes do not alleviate the problem, then something else will be done. Jim Vasey suggested that Robb Fellows coordinate with David since Rob Anderson is no longer with Vasey Engineering.

~~Bob Oswald~~--Plan Approval--Represented by Jim Vasey and Robb Fellows. Plans were presented to connect the existing building on the Oswald property for sewer service. The building will require 3.0 of the 28.0 sewer units assigned to the property. The property which is to be purchased by Carson Valley Fair for the Warehouse Market complex has not yet been purchased. Mr. Oswald has moved all 28.0 sewer units to the parcel where the improvements are located. Bruce Scott recommended plan approval and also related that the plans call for decommissioning of the existing septic tank. Motion by Louis Neddenriep to allow the use of 3.0 of the existing 28.0 sewer units for the existing building on the Oswald property and to approve the plans. The rules, regulations and requirements of MGSD are to be met and the connection fee paid. Seconded by William Nelson. Motion carried.

~~Douglas County~~--Request for RV & Topaz Waste Disposal--Represented by Mark Gonzales, Gene Gibell and J. Page. Mark Gonzales of Douglas County Public Works related that he was present with the owners of Topaz Lodge to see if the Board would consider taking treated sludge from Topaz Lodge. Mark related that a meeting had taken place with David LaBarbara to review the volume and technical information of the sludge involved. The County is essentially coming forth with the owners since the County will no longer allow dumping at the landfill. Mark related that the owners of Topaz Lodge would also like MGSD to take the effluent from the RV dump station but would like the Board to hear it as two separate items. David LaBarbara related to the Board that the effluent is 1.7 to 2.5 percent secondary aerobic sludge partially digested which is still in liquid form. The volume would amount to approximately 4,600 gallons per week which would equal approximately 959 pounds per week in dried solids. MGSD is handling 9,500 pounds per week at the present time. The added solids would load the digester an additional 10%. MGSD has solids handling problems at the present time and added solids would increase the solids handling problem. There is a significant increase during the summer months and everything added together could cause problems serious enough to violate the EPA discharge permit. David related that the sludge is not a septic sludge. Discussion followed. The owners of Topaz Lodge related that they have started preliminary talks with Douglas County to solve the problem and they are not looking for a permanent solution. The owners requested that MGSD consider taking the sludge for a period of 60-90 days. Topaz Lodge has a tank truck to haul the sludge. Discussion followed concerning the gallongae from Topaz

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Lodge vs. MGSD gallonage. Louis Neddenriep did not feel that MGSD could take the sludge from Topaz Lodge on a permanent basis, but would have no objection to taking the sludge for 60 days until something could be worked out with the County. The Chairman felt that there could be problems with the residents for such dumping. Discussion followed concerning MGSD working with Douglas County for an RV dump site, allowing Topaz Lodge to dump for 60 days at a site designated by David LaBarbara, no extensions after 60 days, and problems in dumping, and fees. Motion by Louis Neddenriep to allow Topaz Lodge to dump effluent into the MGSD sewer system for a period of 60 days at a designated site to be determined by David LaBarbara. There will be no dumping extension after 60 days. If any problems result in the sludge dumping, dumping will stop immediately. Dumping fees will be determined by David LaBarbara. The 60 day time limit will start from the first day effluent is dumped into the MGSD sewer system. Seconded by Vic Pedrojetti. Vote: 3 ayes being Vic Pedrojetti, Louis Neddenriep and Jerome Etchegoyhen. 1 nay being William Nelson. William Nelson felt that the superintendent voiced concern about solids handling problems and possible EPA violation and he felt he could not vote in favor of dumping the sludge. Discussion followed on fee charge. The owners of Topaz Lodge related that Reno-Sparks treatment plant charges 2½ cents per gallon. David LaBarbara felt that that charge was adequate.

The owners of Topaz Lodge related that they have a free RV dump and requested that MGSD consider accepting the unprocessed sewage. The County will not allow the sewage to be dumped at the landfill. The Board felt that they could not accommodate Topaz Lodge's RV dump and would have to take the same stand as with other septage waste. Motion by Louis Neddenriep to turn down the request from Topaz Lodge to accept their RV septage waste. Seconded by Jerome Etchegoyhen. Motion carried.

Mark Gonzales offered to approach the Commissioners about working with MGSD to provide a public RV dump.

The Chairman related that he felt that Bruce Scott should be able to begin reviewing plans for Western Nevada Properties since Resource Concepts is no longer involved in the project. Bruce Scott related that Resource Concepts just finished two parcel maps that are to be recorded. There may be some possible questions on paving, but Bruce does not foresee any billable time. Resource Concepts has really not done any engineering for Western Nevada Properties for two years. Louis Neddenriep felt that Resource Concepts should be completely out of the Western Nevada Properties project. The Chairman felt Bruce should be able to review any future plans. Discussion followed. Bruce will provide MGSD with a letter stating that Resource Concepts has no interest in the Western Nevada Properties project.

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Engineer's Report: Bruce Scott related that the 1988 Sewer Rehabilitation-Phase I should be completed by the end of the week. Asphalt patching and clean up needs to be completed. There will be a change order for the replacement of two trees. The Corp of Engineers conducted their final inspection on April 21, 1989.

Bruce Scott related that the 1988 Rehabilitation-Phase II-Post Office Alley is completed. Joe Suter will be back to do some patching repairs. Bruce informed the Town of Minden that MGSD is most anxious to satisfy the town. Bruce invited anyone interested from MGSD and the Town of Minden to walk the project. The Corp of Engineers made their final inspection on April 21, 1989. Discussion followed concerning the patch work done by Joe Suter Construction.

Bruce Scott presented a report from Harry G. Smith after a walking inspection was done concerning the rodent damage at the reservoirs on Muller Lane. Essentially the rodent holes are caused by voles and the penetration in the reservoir embankment would never be more than ten inches and therefore pose no problem. It is recommended that a burning program be put into effect which will terminate 80% of the problem. Hand seeding could be employed in the areas of the reservoir where no vegetation exists to provide erosion control. Bruce related that he will send a letter to Water Resources to satisfy their questions.

Bruce Scott related that as a matter of information to the Board that there are a series of master plan hearing scheduled. The hearing for Minden and Gardnerville is scheduled for June.

Bruce Scott related that now that the last of the rehabilitation work is nearly complete that perhaps the Board would like to continue by considering doing TV work on some of the lines for significant infiltration. The cost could be taken out of the rehabilitation fund and should be done when the water table is high. Bruce related that the cost varies according to the amount of feet done. The work is done on a tape including voice which can be played back through a television set. Discussion followed on possible lines to be TV'd. Jerome Etchegoyhen suggested checking out the cost and report back to the Board before a decision is made.

Superintendent's Report: David LaBarbara presented a letter for Board approval written by Steve Malvey to the Douglas County Treasurer directing the Treasurer to foreclose on the Christl property in the Carson Valley Industrial Park for the unpaid sewer assessment. The letter was reviewed by the Board. Motion by Louis Neddenriep that the letter be retyped on MGSD letterhead and that the Chairman is authorized to sign the letter. Seconded by Vic Pedrojetti. Motion carried.

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David LaBarbara presented letters from the Corp of Engineers for the 1988 Sewer Rehabilitation Phase I and the 1988 Sewer Rehabilitation Phase II-Post Office Alley which state that both projects are in substantial conformance with the contract.

David LaBarbara related that a letter had been received from Louis Bustanhoby requesting that the drains in Shelley's Beauty Shop be held as a credit for possible future use since the entire structure is now being used as a residence, only.

David LaBarbara related that Rob Williams has submitted a notice of completion as well as a certificate of substantial completion for the solids aeration project. Rob has also submitted a letter requesting that all retainage less \$3,000 be released. David recommended that all retainage be held until the punch list is completed. Discussion followed regarding the notice of completion. Substantial completion means that the project is in operation. David related that Pacific Mechanical Corporation had submitted a letter stating all materials had been paid for. The Chairman read a portion of the certificate of substantial completion aloud. The certificate of substantial completion was signed by the Chairman. Change order #2 in the amount of \$8,954.00 for the repair of the air header which was authorized by the Board in January, 1989 was presented by David for approval. Motion by William Nelson to approve change order #2 in the amount of \$8,954.00 for the repair to the air header. Seconded by Louis Neddenriep. Motion carried. The Chairman signed the change order.

David LaBarbara presented the ordinance change requested by the Board at the April 4, 1989 meeting which would close the loophole and make the capacity fee due for a final parcel map or a final subdivision map. Motion by Vic Pedrojetti to approve ordinance #64 dealing with the final parcel map and final subdivision map. Seconded by Louis Neddenriep. Motion carried.

Meeting adjourned at 10:45 P.M.

Approved: 6-6-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, THURSDAY, MAY 18, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Thompson Trophy Parcel--Plan Approval and Capacity Request  
7:45 Lee-Haas Center--Capacity Request  
7:55 Public Hearing for Final Budget 1989-90  
8:10 Public Commentary  
8:20 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL May 19, 1989

# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Thursday, May 18, 1989, 7:30 P. M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

## ~~Board Members Present:~~

Daniel Hellwinkel, Louis Neddenriep, William Nelson and Jerome Etchegoyhen

## ~~Staff Members Present:~~

David LaBarbara, Bruce Scott and Bonnie Sarasola

## ~~Others Present:~~

Richard Peters and Mary Lou Vasick

The meeting was called to order by Vice-Chairman Louis Neddenriep.

~~Lee-Haas Center Capacity Request~~ - Represented by Mary Lou Vasick. Plans were presented for the remodel of one unit in Lee-Haas Center for a beauty shop. The remodeling plans call for the addition of three sinks. David LaBarbara related that with the existing credit in the unit it would be necessary to purchase .30 unit of capacity. David also presented a signed Authorization to Represent form. Discussion followed. Motion by William Nelson to sell .30 unit of capacity under the modified moratorium motion of August 2, 1988 for the remodel of one unit in the Lee-Haas Center located at 1516 Hwy. 395, Gardnerville. The rules, regulations and requirements of MGSD are to be met and the capacity fee and connection fee are to be paid. Seconded by Jerome Etchegoyhen. Motion carried.

~~Thompson Trophy Parcel Plan Approval and Capacity Request~~: Bruce Scott related that he had researched Gasoline Alley for easements as per board instructions at the May 2, 1989 meeting. There is an existing easement and what is shown on the parcel map is accurate. Bruce presented mapping documentation which he reviewed with the Board. David LaBarbara informed the Board that the owner is requesting plan approval and the purchase of 1.0 unit of capacity in order that he may construct a small contractor's office. Discussion followed. Motion by Jerome Etchegoyhen to approve the plans and sell 1.0 unit of capacity for West Ridge Development and Construction located on Parcel B of Manoukian parcel map. The capacity purchase is subject to the modified moratorium motion of August 2, 1988. The rules, regulations and requirements of MGSD must be met and the capacity fee and connection fee paid. Seconded by William Nelson. Motion carried.

The meeting was then turned over to Chairman Daniel Hellwinkel.

~~Public Hearing for Tentative Budget 1989-90~~: Richard Peters was present from Coleman, Caine, Matzinger & Co. to answer questions concerning the budget. The final budget is the same as the tentative with the exception of two corrections in the beginning and ending working capital. Richard related that the budget looks better than last year since the deficit is less. Discussion followed on ad-valorem and SCCRT revenue. Richard related that the cash position should also increase. Discussion followed

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on depreciation. Motion by Louis Neddenriep to approve the budget for 1989-90. Seconded by William Nelson. The Chairman called for public commentary. There were no replies. Vote: 4 ayes, 0 nays. Motion carried.

The Chairman brought a bill which has been introduced into the legislature to the attention of the other board members. Discussion followed on SB-430. The Board directed that an emergency meeting was to be called on Monday, May 22, 1989 and that MGSD legal counsel was to be present.

Bruce Scott related to the Board that he would like to close out the contract for Wunschel and Small for the 1988 Sewer Rehabilitation-Phase I. Bruce presented change order #3 for Board approval which lowers the final payment by \$355.00. Bruce asked for authorization from the Board for the Chairman to sign the change order and also requested the Board allow the 30 day notice of completion to be published. Bruce also related that Joe Suter Construction would be on the site for the 1988 Sewer Rehabilitation Phase II-Post Office Alley next week to finish up. Discussion followed. Motion by William Nelson to approve change order #3 and publish the 30 day notice of completion for Wunschel and Small for the 1988 Sewer Rehabilitation-Phase I. Seconded by Jerome Etchegoyhen. Motion carried.

Bruce Scott related to the Board that for their information it would cost approximately \$10,000 per mile to hydro-flush and TV potential lines for infiltration.

Meeting adjourned at 9:40 P.M.

Approved: 6-6-89

By: 



# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF EMERGENCY MEETING, TUESDAY, MAY 23, 1989, 3:00 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

3:00 P.M. Call to Order  
3:05 Action To Be Taken On SB 430  
3:35 Public Commentary  
3:45 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL May 24, 1989

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of emergency meeting, Tuesday, May 23, 1989, 3:00 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

~~Board Members Present:~~

Jerome Etchegoyhen, Vic Pedrojetti, Louis Neddenriep and Daniel Hellwinkel

~~Staff Members Present:~~

David LaBarbara and Steve Malvey

~~Action To Be Taken on SB-430:~~ Steve Malvey explained that SB-430 had been submitted by George Keele for an unnamed party. The bill has been submitted to rectify a situation in Lincoln County. The effect of the bill in its present form will allow anyone under contract of service to annex to the District even if the property is not contiguous. Discussion followed. The Board felt that SB-430 was not in the best interest of the District. Motion by Louis Neddenriep that Steve Malvey represent the District at the legislature hearing concerning SB-430 and that as many board members as possible attend. Seconded by Jerome Etchegoyhen. Motion carried.

Meeting adjourned at 4:15 P.M.

Approved: 6-6-89

By: 

# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, JUNE 6, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order

7:35 Minutes of May 2, 1989, May 18, 1989 and May 23, 1989

7:45 Molsberry Trust--Information Request Concerning Connection

7:55 Douglas County-North Valley Treatment Contract

8:10 Carson Valley Fair--Extension Request

8:25 Minden Plaza--Capacity Request & Plan Approval

8:35 Roger Bitton--Encroachment Permit & Annexation Application

8:45 Eva Pope & William Magill--Annexation Application Request

8:55 Engineer's Report

9:10 Superintendent's Report

9:25 Secretary's Report

9:30 Personnel Session

9:50 Public Commentary

10:00 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report.

All persons attending the board meeting are required to sign the guest register

PLEASE DO NOT REMOVE UNTIL June 7, 1989

# **Minden-Gardnerville Sanitation District**

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of regular meeting, Tuesday, June 6, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

## Board Members Present:

Vic Pedrojetti, Daniel Hellwinkel, Louis Neddenriep, Jerome Etchegoyhen and William Nelson.

## Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

## Others Present:

Merrill Molsberry, Mark Gonzales, Jim Young, Raymond Smith, Tom Scott, Steve Balkenbush, R. A. Oswald, Roger Bitton and Jim Vasey.

The minutes of May 5, 1989, May 18, 1989 and May 23, 1989 were reviewed. Motion by Louis Neddenriep to accept the minutes of May 5, 1989, May 18, 1989 and May 23, 1989. Seconded by William Nelson. Motion carried.

Molsberry Trust--Information Request Concerning Connection--Represented by Merrill Molsberry. Mr. Molsberry related to the Board that MGSD had sent a letter to Douglas County commenting on his parcel map concerning his property consisting of 7.40 acres located on Hwy. 756 at the corner of Waterloo and Hwy. 756. The letter stated that the property is not within the MGSD district boundary, that the property does not have sewer service and that a sewer main does exist in the general vicinity. Mr. Molsberry related that the County will not record the parcel map until documentation is received that the property is capable of receiving sewer service. The County is not satisfied with the previous letter commenting on the parcel map. Mr. Molsberry requested that the MGSD Board provide him with a "will serve letter." David LaBarbara related that the property could be served by contract of service. The Chairman related that MGSD could not provide a "will serve letter" until a contract of service is obtained for the property. Discussion followed on the fall of the property, possible pumping and the current conditions of the moratorium which is in effect. The Board agreed that Mr. Molsberry would have to obtain a contract of service from MGSD to serve the property before a "will serve letter" could be given. David read the MGSD ordinance pertaining to contract of service. Discussion followed concerning acreage. Mr. Molsberry discussed an 8" highway bore. Bruce Scott discussed engineering alternatives to sewer the property. The Chairman informed Mr. Molsberry that the Board could direct Bruce Scott to do some preliminary field work for the sewerage of the property if Mr. Molsberry would agree to bear the costs involved. Bruce related that he could not work for Mr. Molsberry, but he could work with Mr. Molsberry's engineer and review his plans. The rest of the board agreed. Discussion followed on steps which are required by MGSD for contract of service, fees, physical capacity, availability, and parcels to be served. The Board felt that Mr. Molsberry should think about the problems

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involved in serving the property and return to the Board at a later date to let the Board know his wishes. The Chairman informed Mr. Molsberry that any engineering costs involved with his project would have to be reimbursed to MGSD.

Douglas County--North Valley Treatment Plant Contract--Represented by Mark Gonzales. David LaBarbara informed the Board that the maintenance and testing agreement that MGSD has with Douglas County expires on June 30, 1989. Mark Gonzales informed the Board that Douglas County is pleased with MGSD's service and would like to renew the agreement. Discussion followed concerning possible dollar amount change for actual labor costs on Exhibit A of the agreement should there be a salary increase. The Board felt that the agreement should be amended to include any needed adjustments in salary or mileage in Exhibit A. Discussion followed. Motion by Louis Neddenriep to renew the maintenance and testing agreement for Douglas County for the North Valley Treatment Plant for a period of one year. Item #6 is to be added to the agreement recitals to account for any salary adjustment or mileage adjustment for MGSD vehicles. Seconded by Vic Pedrojetti. Motion carried.

Carson Valley Fair--Extension Request--Represented by Tom Scott and Raymond Smith. Mr. Scott related to the Board that the Carson Valley Fair project is nearing finalization. Payment for capacity to MGSD is due and they are requesting that the Board grant a 60 day extension to pay the capacity. Discussion followed concerning the time frame for the project. The Board felt they were in agreement to grant a time extension to pay the capacity. Mr. Scott requested that the Board specify a specific date for payment of the capacity if a time extension is granted. Mr. Scott related that originally the Board agreed to sell 97.4 units of capacity for the project. However, now as part of the purchase agreement, Mr. Oswald has agreed to give 22.0 of his original 28.0 units to the Carson Valley Fair project. Therefore, the Carson Valley Fair project would now only need 75.4 units of capacity. Motion by Louis Neddenriep to grant an extension to the Carson Valley Fair project for the payment of their capacity to the August, 1989 regular board meeting. Seconded by Vic Pedrojetti. Motion carried. Discussion followed concerning the transfer of EDU's by Mr. Oswald to the Carson Valley Fair project. Mr. Oswald and his legal counsel, Steve Balkenbush were present. At the present time Mr. Oswald holds title to all three parcels and the total capacity consisting of 28.0 units have been assigned to Parcel A containing the improvements. 3.0 units of capacity have been used to serve the building on Parcel A. Mr. Balkenbush presented a letter signed by Mr. Oswald requesting that 22.0 units of capacity be transferred from Parcel A to Parcel C as a condition of sale for the Carson Valley Fair project. Discussion followed concerning transfer of capacity between parcels and the new parcel map which will be drawn up. David LaBarbara drew a diagram on the black board for clarification. The Board felt that the new parcel should be created and a request to transfer the 22.0 units of capacity to the Carson Valley Fair project could

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be submitted to MGSD along with a copy of the new parcel map. Motion by Jerome Etchegoyhen that Robert Oswald be allowed to transfer 22.0 units of capacity to the newly created parcel where the Carson Valley Fair will be located. The 22.0 units of capacity are to be taken from the 28.0 original units of capacity allocated of which 3.0 units of capacity have already been used. A letter from Robert Oswald requesting the transfer of the 22.0 units of capacity to the Carson Valley Fair project is required as well as a copy of the newly created parcel map. Seconded by Louis Neddenriep. Motion carried.

Minden Plaza--Capacity Request and Plan Approval--Represented by Jim Young. Mr. Young related to the Board that he wishes to open a chinese take out fast food where Smith's Sub Shop was located in Minden Plaza. The previous business had no cooking facilities which will have to be added for this business. David LaBarbara related to the Board that an additional floor drain will be required along with a 50 gallon per minute/100# grease trap. Assuming that the business will be open less than 12 hours per day and there are no dishes, an additional purchase of .30 unit of capacity is required. If those conditions change then additional purchase of capacity will be required. An authorization to represent form was presented which had been signed by the property owner. Motion by William Nelson to sell .30 units of capacity to Carol and Wendy Auslen for Minden Plaza for a chinese fast food restaurant under the moratorium motion of August 2, 1988. The capacity and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Conditions of a 50 gallon per minute/100# grease trap, open less than 12 hours per day and no dishes is to be specified on the MGSD sewer permit. Seconded by Jerome Etchegoyhen. Motion carried.

Roger Bitton--Encroachment Permit and Annexation Application--Represented by Roger Bitton. David LaBarbara related to the Board that Mr. Bitton had informed him that he had built two privacy fences and two patios for his duplex units on Jessica Way off Hussman in Gardnerville which extend on to MGSD's easement. David informed Mr. Bitton that he would have to provide MGSD with a revokable encroachment permit. Bruce Scott related that he has reviewed the revokable encroachment permit. David related that the revokable encroachment permit has been reviewed by MGSD legal counsel which is on MGSD's standard revokable encroachment permit form. Discussion followed. The Chairman felt that Mr. Bitton should provide a preliminary title report to prove that he is the owner of the property and that any lien holders should also sign the revokable encroachment permit. Motion by Jerome Etchegoyhen to approve the revokable encroachment permit for Roger Bitton subject to MGSD being furnished with a current preliminary title report proving that he is the owner of the property and that the lien holders sign the revokable encroachment permit. Seconded by Vic Pedrojetti. Motion carried. The Chairman directed David LaBarbara to contact MGSD legal counsel to find out how to include the

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lien holders signatures on the revokable encroachment permit. Bruce Scott suggested adding spaces for the lien holders signatures. Vote: 4 ayes, 0 nays. Motion carried.

Bitton Annexation Request: Mr. Bitton presented an application for annexation of his property containing 5.62 acres located off Hussman and Mill Streets in Gardnerville. An assessors map of the area was presented for Board review. David LaBarbara related that the annexation deposit has been received as well as a preliminary title report. The application has been reviewed by both MGSD legal counsel and Bruce Scott. The property is not contiguous to the District and will have to be served by contract of service. Mr. Bitton related that he had applied for an engineered septic system, but the County had refused and required that he hook up to MGSD sewer service. Discussion followed concerning sewerage, pump station requirement, the other two lots in the area which would potentially be served, and MGSD requirements. Minutes were read from the August 7, 1984 meeting which discussed sewerage of the property. Motion by William Nelson to deny the annexation application for Roger Bitton and to notice a contract of service for public hearing on July 6, 1989. Seconded by Jerome Etchegoyhen. Jerome Etchegoyhen stated that he wished to make Mr. Bitton aware that all three lots in the area would be served and that he should know that before he signs the contract. Vote: 4 ayes, 0 nays. Motion carried.

Eva Pope & William Magill--Annexation Application Request--Represented by Jim Vasey. An annexation application was presented for the old Magill Ranch north of Centerville Lane, containing 14.5 acres. The property is not contiguous to MGSD and would have to be served by contract of service. An assessors map of the area was presented for Board review as well as a preliminary title report, authority to represent and a check for the annexation application fee. David LaBarbara related that the application has been reviewed by both Bruce Scott and MGSD legal counsel. Discussion followed on acreage, fall of the land and sewerage of the property. Motion by Louis Neddenriep to deny the annexation application for Eva Pope & William Magill and to notice a contract of service public hearing for the July 6, 1989 board meeting. Seconded by William Nelson. Motion carried.

The Chairman initiated a discussion concerning the acreage requirements in the MGSD ordinance in regard to contract of service and annexation. Motion by Louis Neddenriep to change Section 9P., 3 a. of the MGSD ordinance to require that acreage brought into the District by contract of service be the same as acreage brought into the District under annexation. Seconded by William Nelson. Motion carried.

Engineer's Report: Bruce Scott reported that David LaBarbara has the semi-final system mapping which is current to September 8, 1988 for review and comment before the final mapping is done. Bruce related that once the final mapping is completed that the mapping will be updated approximately every six months.

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Bruce Scott reported that Joe Suter will return as soon as possible to complete the asphalt repairs in Post Office Alley.

Bruce Scott reported that Resource Concepts has responded to the State Engineer concerning their concerns about the voles which were present at the ponds on Muller Lane. As per the report from the University of Nevada, there is no need for chemical control and the weeds have been burnt off to eliminate the voles as per their suggestion.

Bruce Scott related that Resource Concepts has done some research in regard to TVing the sewer lines. Bruce discussed the repairing procedure which is done in place and hydro-flushing. Discussion followed. The Chairman suggested doing a small portion of the line to see how well it will work. Bruce suggested doing 2,000 feet from 10th Street downstream. The TV procedure would be approximately \$3.00 per foot which would be much cheaper than digging up the line. Discussion followed concerning which lines need to be done, doing the work while the water table is high, plugging off the line while the work is being done, flow data which has been gathered over a period of time on the lines. Bruce suggested starting with the 15 inch line from the old Union Oil bulk plant toward the MGSD plant. David LaBarbara related that he felt that the flow data indicates that the 15 inch line from 10th Street to the plant and to Mack would be prime suspects for repair. Discussion followed. Motion by Vic Pedrojetti to allocate \$10,000 as an initial start to TV and repair sewer mains. Bruce Scott and David LaBarbara are authorized to choose which sewer mains are to be done. Seconded by Louis Neddenriep. Motion carried.

~~Superintendent's Report:~~ David LaBarbara related that a letter has been received from Bently Nevada requesting a change in their industrial discharge permit. David read a letter aloud to the Board which stated that Bently Nevada wishes the pH limitation changed from 6.0 - 9.0 to 6.0 - 10.5. Discussion followed on EPA requirements. Motion by Louis Neddenriep to raise the pH requirement on the Bently Nevada industrial discharge permit to 6.0 - 10.0. Seconded by William Nelson. Motion carried.

David LaBarbara informed the Board that there is a DEP loan program available for one-half the market interest rate. However, you still have to get on the DEP priority list to obtain the money.

David LaBarbara discussed the running of the solids contact aeration system under warm weather conditions. The data shows a BOD reduction even with the warm weather, but the treatment is marginal. A new final clarifier will be needed for summer operation. David related that he plans to run the solids contact aeration system a few more weeks, but is too expensive to run the blowers in relation to the amount of treatment received. MGSD is meeting EPA requirements. Discussion followed on the old plant clarifier.



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David LaBarbara related that Topaz Lodge has made arrangements with Douglas County to dump their sludge at the Johnson Lane treatment plant and will not be dumping any sludge in the MGSD system.

David LaBarbara discussed the loss of the trickling filter during a recent power outage. Electrical repairs are required to eliminate the problem.

Louis Neddenriep discussed the revised Mack agreement concerning the 50,000 gallons of capacity. The agreement which was presented by the Mack's and discussed among the board members and also the Mack's has been revised by Steve Malvey. Copies of the agreement were given to the Board members prior to the meeting for review. The agreement contains the conditions the Board wants. Mr. Neddenriep related that he had met with Duane and Mary Mack and gave them a copy of the revised agreement. Mr. Neddenriep related to them that the board would meet on June 6, 1989 and if they were not in agreement with the terms of the agreement he would appreciate them calling him. Since he has not heard from the Mack's he assumes that they are in agreement with the revised agreement. David LaBarbara related that on page 2 under #1 the date should read January 3, 1989. Mr. Neddenriep related that the signature portion of the agreement should be changed to Mack Land and Cattle, a partnership and Duane Mack would sign as partner. Discussion followed on signature portion of the contract. David was instructed to discuss the signature portion of the contract with Steve Malvey and change it. Motion by Louis Neddenriep to tentatively approve the revised Mack agreement. Seconded by Jerome Etchegoyhen. Vote: 4 ayes, 0 nays. The Chairman did not vote.

Personnel Session:

David LaBarbara discussed job performance and wage scales with the Board. Motion by William Nelson that in addition to following the salary schedule a 2% incentive increase will be given. Seconded by Jerome Etchegoyhen. Motion carried.

Meeting adjourned at 11:15 P.M.

Approved: 7-6-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, FRIDAY, JUNE 30, 1989, 12:00 NOON, BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

12:00 Noon Call to Order  
12:05 Mack Capacity Agreement  
12:25 Public Commentary  
12:35 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL July 1, 1989

# Minden-Gardnerville Sanitation District

P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

Minutes of special meeting, Friday, June 30, 1989, 12:00 Noon, Board Room,  
MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Daniel Hellwinkel, Louis Neddenriep, Jerome Etchegoyhen and William Nelson.

Staff Members Present:

David LaBarbara and Bruce Scott

Others Present:

Steve Malvey

Mack Capacity Agreement: Steve Malvey explained the changes in the Mack agreement. The capacity (3.0 units) paid for in 1984 was not deducted from the total remaining capacity. The designation of Mack Family Trust was incorrect and has been corrected to Mack Land and Cattle Company. The remaining capacity had been adjusted to 44,750 gallons. Motion by Louis Neddenriep to authorize the Chairman to sign the Mack agreement. Seconded by William Nelson. Motion carried.

Discussion was initiated concerning the interest of Douglas County in taking over sewer utilities. Steve Malvey explained the legal process involved under NRS. Chapter 318. The Board discussed the matter and was not in favor of the County intervening in local matters.

Meeting adjourned 1:20 P.M.

Approved: 7-6-89 By: \_\_\_\_\_



# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, THURSDAY, JULY 6, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order

7:35 Minutes of June 6, 1989 and June 30, 1989

7:45 HDR, Inc.--10% Design Report on Bar Screen and Digester

8:10 Western Nevada Properties--Line Acceptance and As-Built  
Approval

8:20 Eva Pope and William Magill--Contract of Service Public  
Hearing

8:30 Roger Bitton--Contract of Service Public Hearing

8:40 Minden Plaza--Plan Approval and Capacity Request


8:55 Carson Valley Fair--Plan Approval

9:15 Engineer's Report

9:30 Superintendent's Report

9:45 Public Commentary

9:55 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above  
scheduled agenda items: Engineer's Report, Superintendent's Report and  
Secretary's Report

ALL PERSONS attending the board meeting are required to sign the guest  
register.

PLEASE DO NOT REMOVE UNTIL July 7, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P.O. BOX 568  
MINDEN, NEVADA 89423  
782-3546

Minutes of regular meeting, Thursday, July 6, 1989, 7:30 P.M.,  
Board Room MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Daniel Hellwinkel, Louis Neddenriep, Jerome Etchegoyhen, William Nelson and Vic Pedrojetti

Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

Others Present:

Andy Burnham, Wendy Auslen-Schopf, Tony Schopf, Tim Grover, Tom Scott, Roger Bitton and Rob Williams

The meeting was called to order by Vice-Chairman Neddenriep.

The minutes of June 6, 1989 and June 30, 1989 were reviewed. The Board wished to have the name Mackland corrected to Mack Land in both the June 6, 1989 minutes and the June 30, 1989 minutes. Motion by Jerome Etchegoyhen to approve the minutes of June 6, 1989 and June 30, 1989 with the correction stipulated by the Board. Seconded by William Nelson. Motion carried.

The meeting was then turned over to Chairman Hellwinkel.

HDR, Inc.--10% Design Report on Digester and Bar Screen--  
Represented by Rob Williams. Mr. Williams presented the 10% design report for the construction of a digester and bar screen. Rob related that the design had been done in accordance with the previously discussed wishes of the Board. Rob reviewed the design report with the Board and pointed out that page III-8 of the report changes the parshall flume to be installed before the bar screen to allow easier access. Rob also explained the change on the existing digester modifications on page III-3 of the report. Discussion followed concerning construction materials. David LaBarbara recommended that the recommendations on page IV-5 regarding the replacement of the existing waste gas burner, construction of an auxiliary platform, construction of a cover for the NPW pumps, installation of an automatic dialer and installation of a wall fan in the influent pumping station be included in the construction plans. David discussed the

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need for each of the recommendations. David reviewed the cost breakdown with the Board. Rob Williams related that the engineers estimate would be approximately 1.3 million for the construction as outlined in the 10% design report. David recommended proceeding as soon as possible due to the flow volume and the mixing problems in the existing digester. Discussion followed concerning solids contact aeration system, additional clarifier, costs for new clarifier, job done by the bar screen in regard to efficiency and mechanical longevity of the digester. Rob Williams related that in all probability another final clarifier will be needed in approximately two years. The Board generally felt that the digester, bar screen and a new final clarifier should be built all at one time since a new final clarifier will be needed in the near future. It was felt that possibly a better bid price could be obtained if the digester, bar screen and final clarifier were constructed at the same time. Rob estimated that construction time for the projects would be approximately fourteen months. Discussion followed concerning bids and if the current diesel power is adequate. Rob discussed a new contract proposal for HDR, Inc. for the clarifier and the bid format which would include separate bids for the digester, head works and clarifier and also one total bid for the entire project. The Chairman initiated a discussion concerning the shape of the proposed new digester. Rob related that the egg shape produces better mixing, less operation cost and produces the same amount of gas as the present digester. Discussion followed on the function of the digester. Motion by Louis Neddenriep that Rob Williams be instructed to proceed with design for the bar screen, digester and clarifier. A new proposal is to be to drawn up and presented to MGSD for the clarifier. Seconded by William Nelson. Motion carried.

Western Nevada Properties-Line Acceptance and As-Built Approval:  
David LaBarbara presented a letter received from Western Nevada Properties requesting line approval in Winhaven Circle. David related to the Board that the line has been inspected and meets the district ordinance. A letter has been received from Rob Williams recommending approval. Rob Williams was present and advised the Board that the line meets the MGSD ordinance and criteria. Motion by Jerome Etchegoyhen to accept the line for Western Nevada Properties in Winhaven Circle and to approve the as-builts. Seconded by Vic Pedrojetti. Motion carried.

Eva Pope & William Maquill--Contract of Service-Public Hearing:  
Represented by Andy Burnham: David LaBarbara informed the Board that the contract hearing had been legally noticed. A vicinity map was presented showing the area which is 14.5 acres consisting

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/ of 4 parcels located on the old Magill Ranch north of Centerville Lane. Andy Burnham informed the board that an 80 foot easement has been dedicated for road realignment. Discussion followed concerning omission of the easement from the contract. The Board advised that all of the property including the easement would be included in the contract and the fees will be due on the total acreage. Mr. Burnham requested 1.0 unit of capacity for each parcel. Motion by Louis Neddenriep to approve the contract of service for the Pope & Magill property. A contract of service is to be drawn up. MGSD agrees to sell 1.0 unit of capacity for each parcel totaling 4.0 units of capacity under the modified moratorium motion of 8/2/88. All fees are to be paid and the rules, regulations and requirements of MGSD are to be adhered to. Seconded by Jerome Etchegoyhen. Motion carried.

/ Roger Bitton--Contract of Service--Public Hearing--Represented by Roger Bitton. A vicinity map was presented showing the area which is 5.62 acres consisting of 3 parcels off Hussman and Mill Streets in Gardnerville. The Chairman directed David LaBarbara to read the minutes of August 7, 1984 which discuss potential sewerage requirements of the area. Discussion followed concerning service to the area. The Board generally felt that there should be one line, a pump station and a homeowners association should be formed to take care of serving the entire area. Discussion followed concerning engineering of the line, cost summary, reimbursement of line cost to Bitton, conditions of the contract of service. The Board directed that the MGSD standard contract of service should be modified to include that additional connections to the line are allowed, a homeowners association be formed when more than one connection occurs, new connections must pay their share of the actual cost of line construction, new connections must pay capacity, connection and any other applicable fees. Mr. Bitton requested that the Board sell 1.0 unit of sewer capacity to serve Parcel #4, Lot 11. The chairman called for public commentary. There were no replies. Motion by Louis Neddenriep to approve the contract of service for Roger Bitton with the addition of the conditions as directed by the Board. David LaBarbara and Steve Malvey are to draw up the contract of service to include the conditions directed by the Board. MGSD agrees to sell 1.0 unit of capacity under the August 2, 1988 modified moratorium motion for parcel #4, Lot 11. All fees must be paid and the rules, regulations and requirements of MGSD are to be met. Seconded by Vic Pedrojetti. Motion carried.

/ Minden Plaza--Plan Approval and Capacity Request--Represented by Wendy Auslen-Schopf. Plans were presented for a dental office to be located in the existing Minden Plaza Phase II. David LaBarbara informed the Board that the plans call for an

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additional 1.20 units of capacity. The plans have been reviewed and meet the MGSD ordinance. Mrs. Auslen-Schopf informed the board that any chemicals used are hauled away. Motion by Vic Pedrojetti to approve the plans for the dental office in Minden Plaza Phase II and to sell 1.20 units of capacity under the modified moratorium motion of August 2, 1989. The capacity and connection fees are to be paid and the rules, regulations and requirements of MGSD are to be met. Seconded by Jerome Etchegoyhen. Motion carried.

Carson Valley Fair--Plan Approval--Represented by Tom Scott and Tim Grover. Building and site plans were presented for the Carson Valley Fair project. David LaBarbara volunteered that Mr. Oswald has not provided the letter requesting transfer of the capacity nor the new parcel map required by the Board. Bruce Scott presented a letter for Board review from Resource Concepts, Inc. dated July 5, 1989, outlining recommendations and comments which he reviewed with the Board. (copy of letter attached to minutes) Bruce discussed sewerage in regard to possible split ownership of the facility in the future. Bruce suggested that they may wish to make the line a public line rather than a private line. The Board felt that it should be a private line. Discussion followed concerning the line. Tom Scott requested that an additional stub be added on the Hwy. 395 side of the proposed project. Discussion followed regarding easement and revokable encroachment permit for sign. The Board felt that the project would have to be sewerage to the existing stubs and that no other stubs be added. Discussion followed concerning sewerage of private laterals to stubs. David LaBarbara reviewed the building plans for the market and drug store with the Board. The capacity requirement for the market is 80 drains at .2 which equals 16.0 units of capacity. David recommended a 50 gal/100# grease trap for the deli portion of the market. The sewer capacity requirement for the drug store is 4.9. The total capacity requirement for the market and the drug store is 20.9. David related that the Board had previously allocated 97.4 units of capacity which has not been paid for. Tom Scott related that he would have to return to the Board for capacity approval as each tenant comes into the complex. Mr. Scott also requested that the Board allow a refund if more capacity is paid than is used. The Board related that the MGSD ordinance would apply which allows refunds on capacity. Motion by Vic Pedrojetti to approve the plans for the market and drug store for the Carson Valley Fair project and to approve 16.0 units of capacity for the market and 4.9 units of capacity for the drug store. The grease trap requirements recommended by David LaBarbara are to be adhered to. The improvement plans are approved subject to the recommendations and comments contained in the Resource Concepts



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letter dated July 5, 1989. Bruce Scott related that he would like the minutes to reflect if the line will be a public or private line so that there will be no questions concerning the line in the future. Tom Scott related that if they wished to dedicate the line in the future, the owner would come back to the Board and request that it be a public line. Vote: 5 ayes, 0 nays. Motion carried.

Engineer's Report: Bruce Scott informed the Board that a proposal will be coming from Hydro-Tech for the cleaning and TVing of the lines. The lines can be cleaned and inspected immediately without doing the repairs. After the cleaning and inspection is completed then Bruce can come back to the Board with recommendations. Bruce feels that the line from 10th. Street to the plant can be done within the budget allocation. David LaBarbara feels that there are big leaks due to the flow data. Bruce related that the leaks can be sealed from the inside. Discussion followed concerning the repair process, combination of 15" and 24" line repair, video tape review, cleaning, TVing, and problem areas.

Bruce Scott informed the Board that the notice of completion has been noticed for the 1988 Sewer Rehabilitation Phase I and a signed payment request for the final retention has been received. Bruce requested that the Board authorize the release of the retention funds. Motion by William Nelson to release the retention for the 1988 Sewer Rehabilitation Phase I to Wunschel & Small, Inc. Seconded by Vic Pedrojetti. Motion carried.

Bruce Scott presented change order #1 for the 1988 Sewer Rehabilitation Phase II--Post Office Alley which adjusts the quantities and adds the cost of the Abbott roof drain which has been approved by the State. The total cost of the change order is \$8,614.00. Bruce requested approval of change order #1. Motion by Vic Pedrojetti to approve change order #1 for the 1988 Sewer Rehabilitation Phase II--Post Office Alley in the amount of \$8,614.00. Seconded by William Nelson. Motion carried. Bruce Scott requested that the Board authorize the notice of completion to be filed for the Sewer Rehabilitation--Post Office Alley. The Chairman related that he would like to have a letter from the Town of Minden approving the project. Discussion followed. Motion by Jerome Etchegoyhen to authorize the publication of the notice of completion for the 1988 Sewer Rehabilitation Phase II--Post Office Alley. Seconded by Vic Pedrojetti. The Board directed that the final retention payment would be withheld until a letter is received from the Town of Minden approving the project. Bruce Scott asked direction concerning payment for the tree removal which was previously discussed for Mrs. Hansen. Joe Suter has a bill in the amount of \$193.52. Bruce needs

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authorization from the Board to pay the amount direct to Mrs.

Hansen or have Joe Suter pay the bill direct to Mrs. Hansen. Discussion followed. The Board directed that Joe Suter pay the bill direct to Mrs. Hansen.

Superintendent's Report: David LaBarbara informed the Board that the leaks in the line in Sunset Park have not been repaired. David has contacted Roy Hibdon twice. Discussion followed. Bruce Scott volunteered to write a letter to Roy Hibdon concerning the matter.

David LaBarbara presented the ordinance which annexes the Redwine property to MGSD. All fees have been paid, the agreement has been signed and the annexation map has been filed. Motion by Louis Neddenriep to adopt ordinance #65 annexing the Redwine property to MGSD. Seconded by Jerome Etchegoyhen. Motion carried.

David LaBarbara reported that the grease is building up in the Carson Valley Inn line. However, it is only in their portion of the line so far. The line could be cleaned if necessary, but David feels that MGSD should require the Carson Valley Inn to reduce grease output.

David LaBarbara related that he felt that the Board should start thinking about purchasing a hydro-flusher since the district is obtaining so many lines with plastic pipe.

David LaBarbara discussed proposed sludge regulations by the EPA and related that among other things, if adopted it would make it very expensive for MGSD to dispose of sludge. David felt it was worth while to write a letter to the EPA voicing concern in regard to the proposed sludge regulations. Discussion followed. The Board directed David LaBarbara to write a letter to the EPA voicing concerns regarding the proposed sludge regulations.

David LaBarbara presented bids and samples of roofing materials to the Board for roof repair to the MGSD buildings. After an extensive discussion, the Board directed that David obtain further information on the roofing materials and additional bids and report back to the Board before a final decision is made.

David LaBarbara discussed repairs to the asphalt on the MGSD premises and requested authority from the Board to advertise the asphalt repairs for bid. Discussion followed. The Board directed that David contact Butch Carlson for consultation regarding necessary repairs and materials to be used and report back to the Board.

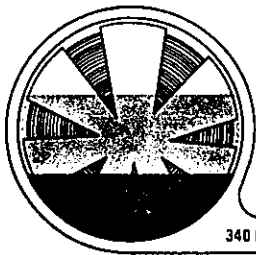
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Bonnie Sarasola presented a signed payment request from Pacific Mechanical Corporation for the final retention payment for the solids contact aeration project. Bonnie informed the board that the notice of completion had been previously filed and the proper time for any claims had elapsed. The Board directed that the final retention payment be made to Pacific Mechanical Corporation.

Meeting adjourned at 11:00 P.M.

Approved: 8-1-89

By: 



# RESOURCE CONCEPTS INC.

PLANNING \* ENGINEERING  
RESOURCE MANAGEMENT

340 N. MINNESOTA ST. • CARSON CITY, NEVADA 89703 • (702) 883-1500

July 5, 1989

Daniel Hellwinkel, Chairman,  
and Members of the Board  
Minden-Gardnerville Sanitation District  
Post Office Box 568  
Minden, Nevada 89423

SUBJECT: Carson Valley Fair Sewer Improvement Plan Review

Dear Chairman Hellwinkel and Members of the Board:

Carson Valley Fair is a proposed development including a Sclaris Market, a Pay-Less Drug Store, two areas of shops, and in the future, some four free-standing buildings along U.S. Highway 395 South. This shopping center is proposed on property at Waterloo Lane and U.S. 395, which is presently owned by Bob Oswald.

On June 27, 1989, we received preliminary plans including sewer improvements within the building and for sewerage to existing lines in Waterloo Lane and U.S. 395. Most of the development will sewer to the back of the buildings and be taken to the 12-inch main which exists in the north side of Waterloo Lane near the northeast corner of the property. A group of shop areas designated as Shops No. 1 will sewer westerly along Waterloo Lane to the existing 12-inch sewer interceptor which runs on the easterly side of U.S. Highway 395.

The plans are not final but are substantially complete and represent a workable solution to sewage disposal requirements for the site. We would recommend approval of the plans with the following conditions:

1. The dedication of easements 20-feet in width for the sewer collector line behind the buildings and 10-feet in width along Waterloo Lane from Shops 1. This is with the understanding that all sewer lines will be 5-feet or more from the edge of the easement. Sufficient easement length above the terminating manholes shall be provided so that proper cleaning and maintenance operations may be accomplished within the easement provided.

Daniel Hellwinkel, Chairman,  
and Members of the Board  
Minden-Gardnerville Sanitation District  
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2. Additional detail is needed regarding the connection to the existing 12-inch sewer line in Waterloo. In addition to a 12-inch line, there is also an 8-inch line in Waterloo. Where the new sewer line connects to the existing sewer line, we would request that a new manhole be constructed. Recent problems in this type of connection at the Carson Valley Inn and the critical nature of fall in this project, are the reasons for this recommendation.
3. The raising of existing manholes to grade along U.S. Highway 395 may be a substantial project. A site plan with finish grades was not included in the drawings submitted for review. However, we would anticipate that significant raising of the manholes along 395 would be necessary. If this is the case, then the manholes will require reconstruction since the District Ordinance limits grade rings to two. We would request additional information and details on the plans showing the reconstruction of the manholes to ensure that the proper sealing and moisture protection is incorporated because of the high water table in the area.
4. The manhole detail on Page C-9 should be revised to reflect the District standard requiring a concentric manhole. This standard is shown on the enclosed Owners, Developers, Engineers, and Contractors MGSD Checklist. Other items on this detail including pipe joints within 18-inches of the manhole should be included on the plans.
5. The trench section should be modified to reflect the typical section in the Owners, Developers, Engineers, and Contractors MGSD Checklist enclosed. This requires sand or decomposed granite for a minimum of 12-inches above the pipe. Also, depending on whether the trench is wet or dry, different pipe bedding materials are specified.
6. A note should be added to the plan stating that the contractor shall notify Douglas County and MGSD 48 hours prior to the start of construction and that a preconstruction conference and site walk through with MGSD, Douglas County, and other utilities shall be scheduled and completed prior to the actual start of construction. An additional note shall be added indicating that MGSD shall inspect all sewer lines and appurtenances prior to backfill.
7. Clean outs should be provided within 5-feet of the building line on all sewer laterals.

Daniel Hellwinkel, Chairman,  
and Members of the Board  
Minden-Gardnerville Sanitation District  
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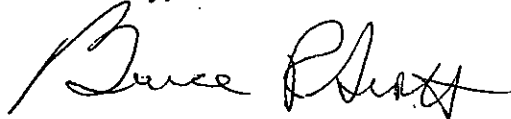
8. Upon completion of the work, including the successful passing of the visual, air, and mandrel sewer line tests, a blueline set of record drawings should be submitted to this office for review and approval. These drawings should reflect names, addresses, and phone numbers of the contractors and any subcontractors involved in the installation of the sewer facilities. A superintendent or site foreman should be listed for each contractor and subcontractor. The date or period of construction should be noted. The name, signature, and title of the responsible person attesting to the as-built drawing shall be included, together with a note stating constructed product is the same as shown on the construction plans unless noted.

When these plans have been reviewed and approved, a request will be made for a reproducible set of final as-built drawings. This set should be submitted the engineer prior to the District's final approval and acceptance of the lines constructed under this project.

9. The manhole run to serve the Shops No. 1 area between the existing sewer line and U.S. Highway 395 and Manhole No. 1 is in excess of 300 feet. Providing physical and legal access is approved for this, we would recommend approval by the Board under the provision for approvals of manhole runs of up to 400 feet in lines of this diameter (8-inch).

I'll be pleased to answer any questions.

Sincerely,



Bruce R. Scott, P.E.  
District Engineer

BRS:db

cc: Tim Grover, SEA Engineers  
Douglas County  
Town of Gardnerville  
Tom Scott, Hart Estate Development Co.

**RESOURCE CONCEPTS INC.**

340 N. Minnesota \* Carson City, Nevada 89703 \* (702) 883-1600

# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, WEDNESDAY, JULY 19, 1989, 12:00 NOON, BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

12:00 NOON Call to Order  
12:05 Attorney Conference  
12:50 Public Commentary  
1:00 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL July 20, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA 89423  
782-3546

Minutes of special meeting, Wednesday, July 19, 1989, 12:00 Noon,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Vic Pedrojetti, William Nelson, Jerome Etchegoyhen, Louis  
Neddenriep and Daniel Hellwinkel

Staff Members Present:

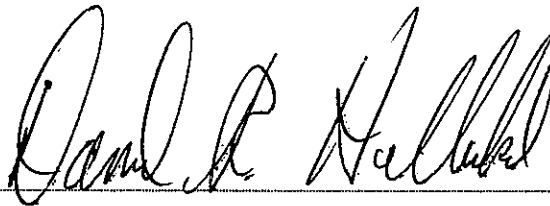
David LaBarbara, Bruce Scott and Steve Malvey

David LaBarbara informed the board that he had inspected Ernie's  
Cafe in the Meadowdale Shopping Center and found that a drain had  
been added without payment to MGSD. David related that .5 unit  
of capacity would be required to cover the additional drain.  
Motion by William Nelson to allocate .5 unit of capacity for  
Ernie's Cafe in the Meadowdale Shopping center and to bill the  
owner. Seconded by Jerome Etchegoyhen. Motion carried.

The Board discussed possible County involvement in the water and  
sewer business. With adequate services being provided by  
existing districts, the Board was not in favor of Douglas County  
involving itself in the sewer area.

Meeting adjourned at 1:15 P.M.

Approved: 8-1-89 By: \_\_\_\_\_





# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, AUGUST 1, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of July 6, 1989 and July 19, 1989  
7:45 Discussion of Douglas County Commissioners Meeting  
7:55 HDR Engineers, Inc.--Agreement for Digester Expansion  
8:10 Gardnerville Ranchos General Improvement District--GRGID Proposal  
8:45 Mill Creek Estates--Plan Approval  
9:00 Mackland II--Line Acceptance and Approval  
9:10 Carson Valley Fair--Request for Extension  
9:20 Engineer's Report  
9:35 Superintendent's Report  
9:55 Secretary's Report  
10:05 Public Commentary  
10:15 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report.

ALL PERSONS attending the board meeting are required to sign the guest register.

PLEASE DO NOT REMOVE UNTIL August 2, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA 89423

Minutes of regular meeting, Tuesday, August 1, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

William Nelson, Vic Pedrojetti, Daniel Hellwinkel, Louis  
Neddenriep and Jerome Etchegoyhen.

Staff Members Present:

David LaBarbara, Jack Norberg and Bonnie Sarasola

Others Present:

Steve Malvey, Rob Williams, Bruce Nystrom, Mike Rowe, Bill  
Tomerlin, Bob Griffin, B. J. Vasey, Bob Oswald, Steve Balkenbush,  
Sam Stegeman, and Tom Scott.

The meeting was called to order by Vice-Chairman Neddenriep.

The minutes of July 6, 1989 and July 19, 1989 were review by the  
Board. Motion by William Nelson to approve the minutes of July  
6, 1989 and July 19, 1989. Seconded by Vic Pedrojetti. Motion  
carried.

The meeting was then turned over to Chairman Hellwinkel.

Discussion of Douglas County Commission Meeting: Chairman  
Hellwinkel related that Barbara Cook and Dave Pumphrey had been  
invited to attend the meeting, but neither one were able to  
attend. The Board discussed the unapproved minutes of the  
Douglas County Commissioners meeting of July 20, 1989. The Board  
Members were generally concerned with some of the comments  
contained in the minutes and felt that the Douglas County  
Commissioners were misinformed in regard to sewer capacity  
availability.

HDR Engineers, Inc.--Agreement for Digester Expansion--  
Represented by Rob Williams. Mr. Williams presented change order  
#6 for the Henderson contract for the brick work for the primary  
clarifier. Rob explained that the change order increases the  
contract time only, which was necessary to satisfy the EPA in  
order to receive reimbursement. Discussion followed. Motion by  
William Nelson to approve change order #6 which increases the  
contract time for the Henderson Construction contract for the  
primary clarifier by 45 days. Seconded by Louis Neddenriep.  
Motion carried.

Rob presented Change Order #1 to Agreement for Professional

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Engineering Services to include design for a second final clarifier, and other work including waste gas flare, auto dialer, cover over NFW pumps, auxiliary platform above basement in trickling filter pumping station, a wall fan in the influent pumping station, replace boiler, upgrade primary clarifier sludge pumping controls and evaluate electrical distribution system and standby generation requirements, etc. The total for the design contract is \$183,000. Discussion followed concerning current electrical problems. The Board directed that Sierra Pacific Power Company be contacted to install a line monitor to see if the power supply to the plant is adequate. Motion by Jerome Etchegoyhen to approve Change Order #1 to Agreement for Professional Engineering Services for HDR Engineering, Inc. making the total contract amount \$183,000. Seconded by William Nelson. Motion carried.

Gardnerville Ranchos General Improvement District--GRGID Proposal--Represented by Bruce Nystrom, Mike Rowe, Bob Griffin. Bruce Nystrom informed the Board that GRGID has submitted a proposal for Contract for Purchase of Additional Sewer Capacity. The standard MGSD contract for sewer service is not acceptable to GRGID due to the fact that GRGID wants to get away from having to deal with all the separate fees required by MGSD's standard contract. GRGID wishes to obtain a bottom line price from MGSD to use as a pass through price for anyone wanting service from GRGID. Steve Malvey related that GRGID now has capacity in gallons not EDU's. Steve explained that the State requires that 350 gallons be used per EDU. Bruce Nystrom suggested selling gallons to GRGID rather than EDU's. Steve related that he felt there would be a problem in selling gallons rather than EDU's due to the district's overall policy of selling EDU's to all purchasers. Discussion followed concerning the initial selling of gallons vs. State mandated requirements. The biggest problem is that GRGID has remaining gallons of reserved capacity, not remaining EDU's. Bruce Nystrom discussed inaccuracy in flow measurement. The Chairman felt that it would not be fair to subtract the EDU's from the meter reading. Bruce related that MGSD and GRGID should negotiate any problematical areas. The current meter readings were discussed. David LaBarbara felt that the meter readings from GRGID are now accurate due to the increasingly larger flows. David feels that the readings are within 1% to 2% accurate. Jerome Etchegoyhen asked if the proposed contract of capacity purchase would take the place of the previous contract. Steve Malvey related that the proposed contract of capacity purchase is for future capacity purchases. Jerome Etchegoyhen asked about the fees contained in the proposed

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Minden-Gardnerville Sanitation District  
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contract of capacity purchase. Bruce Nystrom related that GRGID would be purchasing capacity the same as a developer and would not contribute to maintenance and repair as required by the previous agreement. Jerome Etchegoyhen asked about the termination clause contained in the proposed contract of capacity purchase and felt it would be a little difficult to terminate sewer service to GRGID. Bruce related that the clause was patterned after the MGSD standard contract of sewer service. GRGID tried to incorporate most of what is in the MGSD standard contract of sewer service. The Chairman asked Bruce Nystrom if GRGID realized what the \$1,000 annexation application fee was for? Bruce replied that the fee was applied against the processing of the annexation and the unused part of the application fee was refundable. Those kinds of fees are what GRGID wishes to negotiate. The proposed contract for purchase of additional sewer capacity is only a beginning and both MGSD and GRGID should see what can be worked out. Jerome Etchegoyhen related that the proposed contract for purchase of sewer capacity does not spell out where the MGSD-GRGID boundary will become contiguous. Bruce Nystrom felt the contiguous boundary problem could be worked out. The Chairman felt that the Board had not really had enough time to review the proposed contract for purchase of sewer capacity since it had only been received by MGSD the day before the meeting. Steve Malvey asked the GRGID representatives if any limitations had been placed on the 500,000 gallons of capacity that GRGID has. Mike Rowe related that the suit with the Culinary Union had been settled. The Culinary Union had initially bought 400,000 gallons for \$300,000. The balance of the 400,000 is reserved for units 6 & 7. There will not be enough capacity for units 6 & 7 after Rancho Estates is served. The remaining 113,000 gallons is reserved for the rest of the Ranchos when septic tanks fail and also the Washoe Tribe. The Washoe Tribe currently has 17 units hooked up. Steve Malvey asked if GRGID is allocating sewer units using the State figure of 350 gallons per unit or until the gallons are used up? Mike Rowe related that they are using gallons and when MGSD informs GRGID that the flows have reached 400,000 gallons then there will be no more hookups allowed in units 6 & 7. The Chairman asked if GRGID makes a charge when a septic tank failure occurs and the owner must connect to GRGID's sewer. Mr. Rowe related that no charge is made because those people paid the assessments originally. There were three bond issues initially and all three have been retired. Jerome Etchegoyhen related that he was in favor of reaching an agreement with GRGID and try to solve GRGID's sewer needs. Bruce Nystrom related that GRGID does not have a vehicle to purchase capacity and that MGSD and GRGID need to work together to try to solve the capacity problem. The

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Chairman related that GRGID would have to pay all the costs that other people have to pay. Everyone has to pay the same fees whether they annex or come into the district by contract of service. Bruce Nystrom related that whatever figure MGSD came up with, GRGID would pay. GRGID would take the money from the customer and pass it on to MGSD. Discussion followed concerning how the gallons vs. EDU problems could be worked out. It was suggested that meters be installed to meter the EDU's. Louis Neddenriep related that there was no provision in the proposed contract for purchase of sewer capacity to provide for the payment of any additional assessments in the future by GRGID such as the necessity to float a bond. Steve Malvey related that there is no provision in the standard MGSD contract of sewer service for the payment of additional assessments. Mr. Neddenriep felt that a provision for the payment of additional assessments should be included in any contract of service that MGSD enters into. Bruce Nystrom related that GRGID wishes to be treated the same as everyone else. Mr. Neddenriep related that everyone on contract of service is being treated the same. Bruce Nystrom suggested getting a committee together to work on the problem of providing additional capacity to GRGID. Mr. Neddenriep felt that Steve Malvey, David LaBarbara and two Board Members should meet and try to iron out the problems concerning GRGID's proposal for contract for purchase of sewer capacity and report back to the other Board Members. Bruce Nystrom related that he would like to know any specific objections the MGSD Board has concerning the proposed contract for purchase of sewer capacity. Mike Rowe related that he felt that the only problem is dealing with the 513,000 gallons of capacity. The Chairman related that MGSD now has approximately \$2,000,000 in improvements on the drawing board which will increase the capacity of the plant. These improvements are being paid for from the new paid capacity received by MGSD. Bruce Nystrom felt that GRGID would be willing to help with upsizing of the MGSD plant. The Chairman asked how GRGID bases their monthly fixed charges. Mr. Rowe related that the fixed charges are based on the existing plant. The Chairman asked what plant size? Mr. Rowe related that he believed that Judge Robinson based the plant size on 1.5 million gallons per day. Bruce Nystrom asked if MGSD has a 1.5 million gallon per day plant. The Chairman related that MGSD has a 1.5 million gallon per day plant. With the repairs and expansion that is on the drawing board, piece by piece additional capacity will be added to the plant facility. The Chairman felt that a couple of the Board Members should meet with MGSD legal counsel and come back to the Board with recommendations concerning the purchase of additional capacity by GRGID. The Chairman related to the GRGID representatives that the MGSD board

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is upset regarding comments made at the July 20, 1989 meeting of the Douglas County Commissioners by Barbara Cook. In part Barbara Cook made the statement "Who's going to control the growth, Douglas County or MGSD?" The Chairman asked Bruce Nystrom if MGSD offered a contract of service to Bill Tomerlin. Bruce related that he did not know. Bill Tomerlin was present and related that MGSD did offer him a contract of sewer service. The Chairman related that Mr. Tomerlin was offered a contract of sewer service, but it was his responsibility to get the sewage to the MGSD plant. Mr. Tomerlin related that it was out the realm of possibility. David LaBarbara related that it had been suggested at the time MGSD offered the contract of sewer service that GRGID work with Mr. Tomerlin to get the sewage to the MGSD plant. Mr. Tomerlin related that there was no transmission to get the sewage to the plant. The Chairman asked why couldn't GRGID get his sewage to the MGSD plant? The Chairman related that Barbara Cook's statement was in error, because Mr. Tomerlin was given the opportunity to purchase capacity from MGSD, the same as anyone else. Mr. Tomerlin related that it would be too far a distance to build a line to serve his property. The Chairman related that Western Nevada Properties put in their line, which was an oversized line and was very expensive. The Chairman related that the same opportunity was given Mr. Tomerlin as everyone else to purchase sewer capacity and Barbara Cook was in error in saying that MGSD stopped his project. Bruce Nystrom related that he felt that MGSD and GRGID could not get together and felt that it was time to get back to a good relationship and make a smooth transition concerning the purchase of additional capacity. The Chairman related that the Board agrees with Mr. Nystrom. The Chairman related that MGSD has had problems relating to capacity and GRGID has never come forth with any offer to help MGSD. There is no more federal funding available and MGSD is trying to make improvements to allow for more capacity from monies received for new capacity purchases and connection fees. Bruce Nystrom related that GRGID has money and perhaps GRGID could buy capacity from MGSD up front and help with some of the capacity problems in that way. Jerome Etchegoyhen felt that the County Commissioners are not getting the facts in regard to capacity problems between MGSD and GRGID. Bruce Nystrom related that he did not feel that GRGID always had the facts either. Bonnie Sarasola, MGSD Secretary stated that agendas as well as minutes have been sent to GRGID for many years as per their request. The Chairman appointed Louis Neddenriep and Daniel Hellwinkel to work with Steve Malvey and David LaBarbara to try to iron out the problems involved for the purchase of additional sewer capacity for GRGID. The Chairman related to the GRGID representatives that MGSD would try to move

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approve the as-built for Mackland II and to accept the line. Seconded by Jerome Etchegoyhen. Motion carried.

Jim Vasey informed the Board that Vasey Engineering will be requesting a special meeting for the purpose of approving the as-builts for Westwood III.

Carson Valley Fair--Request for Extension--Represented by Tom Scott. Mr. Scott informed the Board that the Carson Valley Fair project will take about three more weeks to finalize. Mr. Scott presented a letter from Robert T. Morris, Douglas County Deputy District Attorney indicating that there are condemnation proceedings which should be resolved shortly and also related that the plans are still being processed with the County as well as finalization with the State Fire Marshall. Due to these matters which are holding up the project, Mr. Scott requested that MGSD extend the time for capacity payment for 30 days. Discussion followed. The Board felt that Mr. Scott has legitimate problems and should be granted a time extension. Motion by William Nelson to extend the date the capacity has to be paid by Carson Valley Fair to the next regular meeting, September 5, 1989. Seconded by Jerome Etchegoyhen. Motion carried.

Engineer's Report:--Jack Norberg informed the Board that the notice of completion has been filed for the 1988 Sewer Rehabilitation Phase II--Post Office Alley project. The 30 days noticing time has elapsed and there have been no claims received against Joe Suter Construction. A letter has been received from the Town of Minden stating that they are satisfied with the work performed, as per instructions from the MGSD Board. Jack requested that the Board allow the release of the retention funds to Joe Suter. Motion by Louis Neddenriep to release the retention funds for the 1988 Sewer Rehabilitation Phase II--Post Office Alley to Joe Suter Construction. Seconded by Vic Pedrojetti. Motion Carried.

Jack Norberg informed the Board that Hydro-Tech has been noticed to proceed with the cleaning and inspection of designated sewer lines. The lines designated are the 24" from the MGSD plant half way to Douglas High School and the 15" line from the MGSD plant to McDonald's. David LaBarbara related to the Board that the line in the vicinity of Valley Bank has been found to contain dirt, rocks and debris. There has been work done in vicinity by others where the dirt, rock and debris was found and possibly the line has been damaged. The Board directed that the line in the vicinity of Valley Bank be inspected and if there is a problem

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as quickly as possible and get back to the GRGID Board. The GRGID representatives thanked the MGSD Board.

Mill Creek Estates--Plan Approval--Represented by Sam Stegeman. David LaBarbara informed the Board that the project requires 35.0 units of capacity. 34.0 units were included in the original Yparraquirre annexation and the Board agreed to sell the 1.0 additional unit of capacity to complete the project which has been paid. Jack Norberg presented a letter from Resource Concepts, Inc. dated July 26, 1989 which contained comments regarding the final map and the improvement plans. (copy attached to the minutes). Jack related that the final map is in order except that the status of the public utility easements within the area designated as common open area needs to be clarified. Discussion followed. Jack related that there were several items on the improvement plans which have been addressed by Thiel-Winchell since Resource Concepts letter of July 26, 1989 was written. The improvement plans were presented to the board for review. The easements were explained by Sam Stegeman. Mr. Stegeman requested that the Board accept the final map and improvement plans subject to the redesignation of the public utility easement. Jack Norberg informed the Board that all corrections had been made with the exception of the clarification of the easement and recommended that the Board accept the final map and improvement plans subject to the clarification of the easement. Discussion followed. Motion by Louis Neddenriep to approve the final map and improvement plans for Mill Creek Estates subject to an easement being obtained within the area designated as common open area. MGSD will allow the owner 45 days to obtain the easement. The rules, regulations and requirements of MGSD are to be met and all applicable fees paid. Seconded by William Nelson. Motion carried.

Mackland II--Line Acceptance--Represented by Jim Vasey. Mr. Vasey presented as-builts for Mackland II and requested that the line be accepted by MGSD. Jack Norberg informed the Board that there is one change from the approved plans, being the elimination of one manhole and the relocation of another manhole on Zaldia. The as-builts meet the MGSD ordinance and Jack recommended that the Board approve the as-builts subject to approval by David LaBarbara as regards testing, etc. Jack also presented a letter dated August 1, 1989 from Resource Concepts, which addressed Jack's previous comments concerning the as-builts. David LaBarbara related to the Board that the line has been inspected and tested and meets the MGSD ordinance. David requested that Vasey Engineering furnish MGSD with a copy of reproducible as-built drawings. Motion by Vic Pedrojetti to



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Minden-Gardnerville Sanitation District  
August 1, 1989  
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that the line be dug up and repaired. Louis Neddenriep discussed the manhole in front of Coast to Coast in the Carson Valley Industrial Park. The pavement is settling around the manhole as it had done previously when Joe Suter Construction came back and repaired it. Jack Norberg related that he would inspect the area and contact Joe Suter to see about having it repaired.

Daniel Hellwinkel initiated a discussion concerning MGSD's standard contract of sewer service concerning the inclusion of any future assessments which should be consistent with property annexed to MGSD. Discussion followed. Steve Malvey related that the standard contract of sewer service could be modified to include payment of future sewer assessments. Motion by Louis Neddenriep to change the MGSD ordinance to make contracts of sewer service consistent with property annexed to MGSD which requires such property to be subject to all current rules, regulations, ordinances, ad-valorem taxes or other taxes and charges adopted or levied by the District. Seconded by Jerome Etchegoyhen. Motion carried.

Steve Malvey presented an ordinance change which changes the acreage fee for a contract of service to be consistent with the acreage fee for property annexed into MGSD, as per Board instruction at the June 6, 1989 board meeting. The Chairman signed ordinance #66.

The Board discussed the committee meeting which was decided upon during the GRGID portion of the meeting. Since Vasey Engineering will be asking for a special meeting for the approval of as-builts for Westwood III, it was decided that the GRGID contract could be discussed at the special meeting with the full board present. A meeting will be set up as soon as the as-builts are received from Vasey Engineering for Westwood III.

Superintendent's Report: David LaBarbara informed the Board that he had no bids for the work to be done on the roofs due to the fact that he is waiting to get some specifications together in order to put the work out for bid. David has a call into Lyle Woodruff of the State Public Works to obtain some further information and hopefully get a set of specifications together so that bids may be obtained. Mr. Woodruff has indicated that the poly roof is not a desirable material to use.

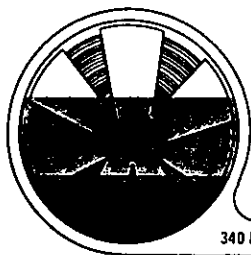
David LaBarbara informed the Board that Butch Carlson has not been to MGSD to look at the asphalt repair work that needs to be done. The Board generally felt that Resource Concepts could get some specifications together if Carlson does not look at the asphalt in the near future.

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Minden-Gardnerville Sanitation District  
August 1, 1989  
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Meeting adjourned at 10:55 P.M.

Approved: 9-5-89

By: 



# RESOURCE CONCEPTS INC.

PLANNING • ENGINEERING  
RESOURCE MANAGEMENT

340 N. MINNESOTA ST. • CARSON CITY, NEVADA 89703 • (702) 883-1600

July 26, 1989

Minden-Gardnerville Sanitation District  
Post Office Box 568  
Minden, Nevada 89423

SUBJECT: Mill Creek Estates Final Map and Improvement Plan Review

Dear Chairman and Members of the Board:

We have reviewed the Mill Creek Estates utility plans and final map. The utility plans are dated June 28, 1989. The final map is signed by the owner on May 31, 1989.

## Final Map

We would recommend approval of the final map with the condition that the status of public utility easements within the area designated as common open area be clarified. This could be accomplished with a change in the owner's certificate or the specific designation of an easement in the extreme westerly corner of the property. This is the area which runs from Manhole 4 to Manhole 3 and approximately 20-feet downstream from Manhole 3 where the sewer leaves the property. It is adjacent to Lot 13 as shown on the final map.

## Improvement Plans

With regard to a review of sewer improvements on the improvement plans, we are hampered by the lack of a profile of the proposed sewer improvements relative to the storm drainage improvements. The storm drainage improvements are critical because they run within 3-feet of the sewer line over much of the lower portion of both utilities. We feel that a profile of the storm drain and sewer lines would allow for the review of their relative elevations, crossings of water, and other utilities as well as their proposed design in relation to the existing irrigation ditch which the sewer line crosses underneath.

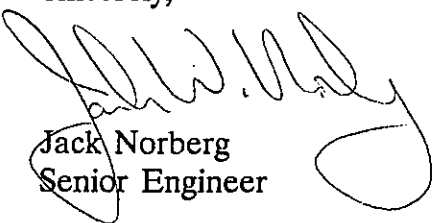
We would recommend that the improvement plans be approved in concept with additional detail satisfactory to the engineer be provided in the following areas:

1. Plan and profile sheets for the storm drain and sewer improvements showing flow lines, elevations, crossings of all utilities, ditches, and other elements critical to the construction, operation, or maintenance of the sewer facility.
2. Clarification of the use of the 15-foot irrigation easement referenced as Document No. 48851. This is off-site and downstream from the westerly corner of the property. The plans show an 18-inch storm drain together with an 8-inch sewer line in this easement. This easement is across the Centertowne Development. The physical improvements presently existing within this easement and the ability to use it for public utilities must be clarified before its adequacy can be determined.
3. From approximately Manhole No. 3 to Manhole No. 4, along the westerly edge of the development, the establishment of an easement, a 20-foot easement, or a common-area easement as noted in the comments under the final map.
4. The connection at Manhole No. 1, which is an existing manhole, should be clarified with a detail. The Sewer District requires core drilling of existing manholes for connections. However, it must be demonstrated that, whatever the flow line elevation of the incoming sewer line from this development is, it is physically possible to core drill without encountering the manhole base. In addition, satisfactory provision must be made to mitigate the angle at which this line will introduce flows in relation to the existing flows in the manhole. Reasonable physical access to Manhole No. 1 for maintenance and cleaning purposes must be demonstrated to the satisfaction of the MGSD Superintendent.
5. There are several manhole runs which exceed the District's standard of 300-feet between manholes on an 8-inch main. We find that access is acceptable to allow these manholes to exceed this distance. The greatest manhole distance shown on the plans is 350-feet between Manholes 5 and 9.
6. The manhole slopes between several manholes do not meet the District minimum standard for slope based on the number of equivalent dwelling units served. These lines must either be increased in slope or engineering calculations provided demonstrating compliance with the District standard of a minimum velocity of 1½-feet per second. This alternative must meet the standards of the District Ordinance regarding review and approval by the Board.

Minden-Gardnerville Sanitation District  
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Page 3

7. The manhole detail does not include all requirements as noted in the Owners, Developers, Engineers, and Contractors MGSD Checklist dated October 1988. Detail "I" on the plans should be revised or amended to include those elements in the October, 1988, MGSD Checklist as shown in Standard Manhole Detail A, which are not included on the subject plans.
8. A typical trench section detail should reflect information included in Detail B of the MGSD October, 1988, Checklist.
9. Notes should be added to the plans including:
  - a. MGSD inspection prior to backfill of all sewer lines and appurtenances.
  - b. Preconstruction Conference involving all utilities, the prime contractor, any underground utilities subcontractors, and Douglas County.
  - c. Twenty-four hour notice to MGSD prior to construction.
10. Reproducible record drawings will be required by MGSD. These drawings shall meet the requirements in the October, 1988, MGSD Checklist and be signed by a registered professional engineer.

Sincerely,



Jack Norberg  
Senior Engineer

BRS/JN:db

cc: Thiel Winchell & Associates

**RESOURCE CONCEPTS INC.**

340 N. Minnesota \* Carson City, Nevada 89703 \* (702) 883-1600

# Minden-Gardnerville Sanitation District

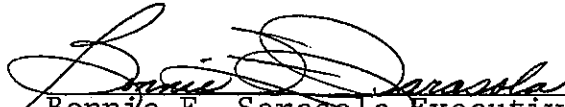
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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, THURSDAY, AUGUST 17, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

AGENDA:

7:30 P.M. Call to Order  
7:35 Westwood Village III--As-Builts Approval  
7:45 Attorney Conference  
8:45 Public Commentary  
8:55 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL August 18, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA

Minutes of special meeting, Thursday, August 17, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Louis Neddenriep, Daniel Hellwinkel, William Nelson, and Vic  
Pedrojetti

Staff Members Present:

David LaBarbara and Bruce Scott

Others Present:

Bill Peterson and Andy Burnham

Westwood Village III--As-Builts Approval--Represented by Andy  
Burnham. The as-built drawings for Westwood Village III were  
presented to the Board for approval. Bruce Scott presented a  
letter from Resource Concepts, Inc. dated August 16, 1989 which  
commented on the as-builts and made recommendations. Discussion  
followed. Motion by Vic Pedrojetti to accept the Westwood Village  
III line and as-builts subject to the conditions of the Resource  
Concepts letter dated August 16, 1989 which are: 1. A final air  
test, balling and flushing, and mandrel test of the completed  
system will be accomplished after completion of all paving, curb,  
gutter, sidewalk and other utilities behind the sidewalk. 2. That  
final certificates of occupancy for homes constructed pursuant to  
this approval be issued only when Item 1 above is complete and as-  
built drawings which show sewer rim elevations and other details  
not presently constructed are provided and approved by the MGSD  
Board. 3. The financial security for the completion of sewer  
improvements be maintained until final approval. 4. That the 12  
month warranty period for the sewer improvements will not begin  
until the final completion and acceptance of the entire sewer  
system within Westwood Village III by Minden-Gardnerville  
Sanitation District. Seconded by William Nelson. Motion carried.

Attorney Conference: The Board discussed with Bill Peterson  
GRGID's proposed contract for purchase of additional capacity. The  
proposed contract was read and the Board discussed and commented  
on each section. The Board wishes to propose some new ideas for  
discussion with GRGID. Bill Peterson was instructed by the Board  
to compose a letter to GRGID with MGSD's concepts. David LaBarbara  
was instructed to set up a meeting with the GRGID Board on  
September 14, 1989.

Meeting adjourned at 11:15 A.M.

Approved: 9-5-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, TUESDAY, SEPTEMBER 5, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of August 1, 1989 and August 17, 1989  
7:45 Roger Bitton--Plan Approval  
8:00 Bill Keuper--Plan Approval  
8:15 Hibdon Engineering--Sunset Park Performance Bond  
8:25 Carson Valley Fair--Extension Request  
8:35 Engineer's Report  
8:50 Superintendent's Report  
9:10 Secretary's Report  
9:20 Public Commentary  
9:30 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report

ALL PERSONS attending the board meeting are required to sign the guest register

PLEASE DO NOT REMOVE UNTIL September 6, 1989



MINDEN-GARDNERVILLE SANITATION DISTRICT  
P.O. BOX 568  
MINDEN, NEVADA

Minutes of regular meeting, Tuesday, September 5, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Vic Pedrojetti, Daniel Hellwinkel, Jerome Etchegoyhen, William Nelson and Louis Neddenriep

Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

Others Present:

Roger Bitton, Julio Sandoval and Tom Scott

The meeting was called to order by Vice-President Neddenriep.

The minutes of August 1, 1989 and August 17, 1989 were reviewed by the Board. Motion by Vic Pedrojetti to accept the minutes of August 1, 1989 and August 17, 1989. Seconded by William Nelson. Motion Carried.

Roger Bitton-Plan Approval--Represented by Julio Sandoval and Roger Bitton. Plans were presented for sewer improvements for three lots adjacent to Mill Street for board review. Bruce Scott related to the Board that the plans call for a lift station as well as a wet well. The Board questioned if the MGSD ordinance requires a standby generator. Bruce Scott discussed the standby generator and felt it was unnecessary due to the fact that all the properties involved are on wells and could not generate any sewage if there were a power outage. Mr. Bitton related that at the present time he would be the only user on the line and would be responsible for the lift station. There will be the possibility of two more parcels being served in the future. The Board was concerned that when the lots were sold in the future that the buyers would be unaware that they would be required to connect to the line and be responsible for their share of the cost for the line construction as well as being required to join a Homeowners Association. Bruce Scott suggested recording the contract of sewer service against the deed in order to put a flag on the deed if the property were sold in the future. The Board felt that the MGSD attorney should draw up an agreement making Mr. Bitton responsible for the lift station until the property is either sold or a Homeowners Association is formed. Discussion followed concerning the possibility of the 38 acre adjacent parcel being served. Mr. Bitton related that he knew of no immediate plans for that parcel. David LaBarbara read

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Minden-Gardnerville Sanitation District  
September 5, 1989  
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Section Three and Section Five of the Bitton Contract For Providing Sewer Service aloud, which deals with the addition of the other properties being allowed to connect to the line, the formation of a Homeowners Association and the fact that the contract is binding on the heirs, devisees and assigns of the owner. Discussion followed concerning the terms of the contract in regard to the line construction costs reimbursement and the Homeowners Association. The Chairman felt that a Homeowners Association should be formed now to prevent future buyers from being unaware that they would have to participate in a Homeowners Association. Discussion followed concerning the line being a District line. Louis Neddenriep felt that the deed should reflect a Homeowners Association. The MGSD Secretary read the minutes aloud concerning the sewerage of the property from the July 6, 1989 minutes. Mr. Bitton offered to have the easement which has been drawn up in favor of MGSD changed to the Homeowners Association, but he did not see the benefit of a Homeowners Association at this time. Discussion followed. Mr. Bitton related to the Board that he was willing to go along with the formation of a Homeowners Association now. Bruce Scott recommended to the Board that access shown on the plans be raised one foot above the 100 year flood plain. Motion by Jerome Etchegoyhen to approve the improvement plans for the line to be constructed on the Mill Street Extension subject to Roger Bitton forming a Homeowners Association and the current easement in the name of MGSD being changed into the name of the Homeowners Association. The Homeowners Association shall consist of three parcels being 25-100-09, 25-100-10 and 25-100-11. The access shown on the plans is to be raised one foot above the 100 year flood plain as per recommendation by Bruce Scott. Seconded by Daniel Hellwinkel. Motion carried. Mr. Bitton asked if he could go ahead and get his building permit to construct his house. The Board related that after the Homeowners Association is formed and the easement is changed into the name of the Homeowners Association, he could obtain his building permit. The Board also related that legal fees for drawing up the Homeowners Association agreement would be the responsibility of Mr. Bitton.

The meeting was then turned over to Chairman Hellwinkel.

Bill Keuper--Plan Approval: Plans were presented for the construction of an office building to be located on the old Douglas Pool site at the corner of Hwy. 395 and Centertowne in Gardnerville. Bruce Scott presented a letter from Resource Concepts, Inc. dated September 1, 1989 addressing his recommendations concerning the project. Bruce related that the plans reflect the use of the lateral which served the swimming pool. Bruce does not feel that there is a problem in using that

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line provided that the integrity of the lateral can be verified and that there is sufficient slope to meet the district's ordinance between the connection point to the old lateral and the building. Discussion followed concerning the line location, how many years the line had been in use and the possible condition of the line, as well as the possibility of running a new lateral to a different location. Bruce drew a diagram on the blackboard outlining the line location. Bruce discussed how the line could be tested to see if it is sound. Bruce recommended that a note be put on the plans that the connection could be made to the existing lateral if proven to be sound. Discussion followed. The Board felt that the owner would have to prove to MGSD that the line is sound before his project could be connected. David LaBarbara related that it would be necessary for the existing lateral to be cut and plugged during the demolition process to keep debris out of the line. David related that the owner has requested that he be granted the 5.8 units of existing sewer capacity for the property. The project calls for 6.6 units of capacity and therefore, the owner would be required to purchase .8 additional units of capacity. Discussion followed. Motion by William Nelson to approve the plans submitted by Bill Keuper for an office complex to be located on the site of the old Douglas Pool in Gardnerville subject to proof being provided to MGSD to the satisfaction of the MGSD Superintendent and Bruce Scott that the integrity of the existing lateral to the property is sound. MGSD agrees to sell .8 units of capacity as per the August 2, 1988 modified moratorium motion. The capacity and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be adhered to. Seconded by Louis Neddenriep. Motion carried.

Hibdon Engineering--Sunset Park Performance Bond: David LaBarbara related to the Board that all the testing on the Sunset Park line was not complete and therefore, Mr. Hibdon will be making no request from the MGSD Board at this meeting.

Carson Valley Fair--Extension Request--Represented by Tom Scott. Mr. Scott related that all of the obstacles which have previously prevented the project from moving forward have been resolved. However, the permit process is moving much slower than was anticipated. He feels that the permit process should be concluded by September 20, 1989 and requested that the MGSD Board allow an extension for the payment of the required fees until the permits are obtained. Discussion followed concerning the cause for the delays. The Chairman was concerned that the project owners were purposefully avoiding the payment of the required MGSD fees. Mr. Scott presented status reports from the architects for Scolari's Market and the Pay Less Drug Store portion of the project.

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Discussion followed. Motion by Vic Pedrojetti to grant an extension for the payment of fees due for the Carson Valley Fair project to November 7, 1989. Seconded by Louis Neddenriep. Motion carried.

David LaBarbara presented a letter received from Thiel-Winchell in regard to the redesignation of the easement for Centertowne Townhomes, as required by the Board at the August 1, 1989 meeting. Due to circumstances beyond the control of South Valley Properties and also Centertowne Townhomes, the parcel map showing the easement may not be available by September 15, 1989 as required by the MGSD Board and therefore, they are requesting an extension of time in which to accomplish the recordation of the map or a deed of the redesignated easement to MGSD's regular November, 1989 meeting. Discussion followed. Motion by Louis Neddenriep to grant the time extension requested for the Mill Creek Estates project for the recordation of the map or deed of the redesignated easement to November 7, 1989. Seconded by Jerome Etchegoyhen. Motion carried.

Engineer's Report: Bruce Scott presented an area plan of the MGSD grounds which had been broken down into areas for the purpose of asphalt repair. Bruce related that area A would cover the asphalt from about the edge of the grit building and running across the administration building. The estimate to patch and overlay that area is approximately \$4,500.00. Area B would include the driveway from the front gate around the back of the administration building to about the edge of the second primary clarifier. The estimate to patch and overlay that area would be approximately \$2,000. Bruce recommended that the areas designated as C, D, & E be put off for repairs until the next construction project done by MGSD is completed, since the work would have to be torn up during construction. Discussion followed regarding the possibility of waiting until construction is completed and do all the asphalt work at one time and possibly obtain a better price vs. added cost due to deterioration while waiting to do all the asphalt work at once. Bruce and David both recommended that the Board consider doing areas A and B immediately. Discussion followed. Motion by Vic Pedrojetti to authorize asphalt repairs to areas A & B and to obtain at least three estimates. Seconded by William Nelson. Motion carried. The Board directed Bruce Scott to send letters to potential contractors who could do the work with specifications and time frame to complete the work and request a bid if they are interested in doing the work.

Bruce Scott advised the board that the Hettrick matter concerning sewer service in the Gardnerville Ranchos would again come before

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the Commissioners at their September 7, 1989 meeting and was wondering if the Board may wish a representative at the meeting. Discussion followed concerning if an MGSD representative should attend the commissioners meeting. David LaBarbara related that a letter had been sent to the building department previously concerning the matter. The Board directed that copies of the previous letter to the building department should be distributed to each commissioner prior to the meeting. David LaBarbara will attend the commissioners meeting for the Hettrick matter.

The Board then discussed the letter written by Bill Peterson as per Board instruction which had been sent for Board approval regarding the proposed "Contract For Purchase of Additional Capacity" to be sent to GRGID. The Chairman felt that MGSD had to sell EDU's to GRGID and not gallons to conform with other people in the District. Discussion followed concerning possible adjustment for the connection fees as well as the ability to review plans for projects within the GRGID boundary. Discussion followed concerning EDU's vs. gallons. Discussion continued on how remaining gallons could be converted into EDU's using their current flow record. The Board directed that Bruce Scott and David LaBarbara talk to Bill Peterson and direct him to draw up a new letter to GRGID based on the discussion which had just taken place by the Board. Louis Neddenriep discussed an adjustment mechanism for the loss of tax revenue to be collected by MGSD. The Board directed David LaBarbara to hand deliver copies of the letter drawn up by Bill Peterson as soon as it is received to each Board Member for review. When the letter is approved by the Board Members the letter is then to be hand delivered to Mike Rowe and GRGID.

Superintendent's Report: David LaBarbara presented an application for the renewal of MGSD's discharge permit which required the Chairman's signature. David related that an application fee in the amount of \$400.00 is also required. The Chairman signed the discharge application permit.

David LaBarbara related that correspondence had been received from the EPA regarding the water discharged from the ponds on Muller Lane. The EPA representatives detected a few gallons of tail water on the Byington property. David has talked to Dal Byington and the problem is being resolved. The EPA also wants signs posted on all the land application area and David and Jack Norberg are trying to discourage having to post signs. The EPA also wants the observation well casings on the Byington property lowered.

David LaBarbara presented a letter from Douglas County Clerk-Treasurer, Barbara Reed asking if MGSD wishes to submit a nominee

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for the General Obligation Bond Commission. Discussion followed. the Board directed that they were satisfied with Jack Marcarelli who is currently serving on the General Obligation Commission.

David LaBarbara passed out copies of the updated 10% design memorandum which was received from HDR Engineers for the bar screen, digester, old digester modifications and the second final clarifier to each Board Member for review. David pointed out the changes made in the pumps. The estimated construction cost is between 2.2 million and 2.4 million dollars.

David LaBarbara informed the Board that the line in the vicinity of Valley Bank has been cleaned. Rock and debris was found in the line. The damage is believe to have been caused by Las Vegas Paving, since Las Vegas Paving also damaged some of the Town of Minden's water boxes in the same area.

David LaBarbara informed the Board that he had been telephoned by a private party to see if MGSD would be interested in purchasing a six ton dump truck for \$5,000. David thought perhaps a dump truck would be a good investment for sludge removal especially if the EPA adopts the new stricter regulations which will disallow giving the sludge away. Discussion followed. The Board felt that it would be cheaper to contract having the sludge removed.

David LaBarbara informed the Board that he was taking the revised draft for the next phase of plant construction to the State to try to get approvals started on the construction. HDR Engineers should have the plans available for the October, 1989 board meeting.

Meeting adjourned at 11:00 P.M.

Approved: 10-3-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, THURSDAY, SEPTEMBER 14, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 MGSD Board-GRGID Board--Capacity Discussion  
9:00 Public Commentary  
9:10 Adjournment



Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL 9/15/89

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA

Minutes of special meeting, Thursday, September 14, 1989, 7:30 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

William Nelson, Vic Pedrojetti, Louis Neddenriep and Daniel Hellwinkel.

Staff Members Present:

David LaBarbara and Bonnie Sarasola

Others Present:

Bill Peterson, Paul Lumos, Mike Rowe, Bob Spellberg, Bruce Nystrom, and Kurt Hildebrand

MGSD Board-GRGID Board--Capacity Discussion: Chairman Hellwinkel related to those present that the meeting had been called to discuss MGSD's proposal to GRGID for obtaining additional sewer capacity. Bruce Nystrom related that GRGID was very pleased with the communication received from MGSD. The GRGID Board has read the proposal from MGSD, but not as a body. Mr. Nystrom apologized to the MGSD Board for the lack of GRGID Board Members present at the meeting. Mr. Nystrom related that there were parts of MGSD's proposal that GRGID did not understand and wished to go over the proposal paragraph by paragraph. Mr. Nystrom related that MGSD's proposal to freeze and fix GRGID's present flow is very appropriate and wanted to know if GRGID would be allowed a more simplified contract than the 1974 contract between GRGID and MGSD. Discussion followed concerning the contract. The proposal was reviewed and discussion followed. Mr. Lumos addressed converting capacity for both alternatives offered by the MGSD proposal. Mr. Lumos related that the gallons to EDU's conversion is acceptable to GRGID. Discussion followed concerning current and residential connections now being served by GRGID. Bob Spellberg related that there are approximately 1,725 residential connections and approximately 50 commercial EDU's. David LaBarbara related that when the proposal was prepared for GRGID's review, 310,000 gallons of flow per day was the best measurement that MGSD had, but now that school has started and people have returned from vacations, the flows appear to be somewhere around 360,000 gallons per day. David related that he is concerned about getting accurate flows to cover the present users. Mr. Lumos related that GRGID owns their own collection system and needs to receive revenues to maintain the system. GRGID would like MGSD to make an adjustment in the monthly fee in order for GRGID to recover costs for maintenance for their collection system. The Chairman questioned who would maintain the line for



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the flows coming from GRGID to MGSD? David LaBarbara related that line rehabilitation comes from the collection of connection fees. The monthly fee covers regular maintenance of the lines. Mr. Lumos related that GRGID has to operate and maintain their lines and felt that some of MGSD's fees could be reduced to cover GRGID's costs and felt that the dollar amounts would have to be reviewed. Mr. Neddenriep related that GRGID would do their own billing and collection. Mr. Lumos related that MGSD could consider taking over the sewer system from GRGID. At the present time, GRGID is charging \$10.00 per month in user fees and \$1,461.00 for capacity. The Chairman related that if GRGID would bear the cost, MGSD would hire someone to do a survey to obtain an accurate account of the EDU's presently being served by GRGID. Mr. Spellberg related that GRGID is on a computer and accurate figures can be given to MGSD. The Chairman felt that an independent study would be in order. It was related that in proposed option 1 it would not matter how many EDU's were served. Option 2 would get rid of the old 1974 contract and eliminates the flows all together. Mike Rowe related that GRGID does not care if MGSD uses a figure of 1,240 EDU's as proposed in option 2 as long as it covers the existing GRGID connections. Bill Peterson asked which option was preferable. Mr. Nystrom related that most of the GRGID Board preferred option 1. They wish to freeze the rates for the old section of the Ranchos, although they would want to know what would be charged for connection fees for the proposed 852 EDU's. The GRGID Board wants a vehicle for the people of the Ranchos to buy capacity now. Mr. Rowe and Mr. Lumos were in favor of option 2. Mr. Nystrom related that the amount of the connection fee could be a problem due to the fact that GRGID will have to maintain their lines and asked if the MGSD Board would consider splitting the fee. The Chairman related that he felt the connection fee should be fair for both MGSD and GRGID. GRGID is using MGSD's lines and they will need to be maintained. It would seem that GRGID's fees are pretty realistic. However, the fees coming to MGSD from GRGID is unequal to what GRGID is paying. Mr. Lumos disagreed. Costs paid by GRGID to MGSD is a direct percentage based on flows on variable and fixed costs and MGSD is not subsidizing GRGID. Mr. Spellberg suggested reviewing GRGID's records to see what would have to be charged to GRGID customers. Mr. Nystrom asked if MGSD would consider negotiating the connection fee? The Chairman felt that the entire GRGID Board was consulted on the setting of the meeting date and were invited to the meeting. Only one GRGID Board Member is in attendance. Mr. Nystrom related that he was only asking for parameters. The Chairman related that he felt that no decisions could be made by the MGSD Board since there was not enough GRGID Board present for GRGID to make any decisions. The Chairman related that MGSD had worked very hard to try to get things moving

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quickly to try to resolve GRGID's capacity problems and felt GRGID has ground it to a standstill. Mr. Nystrom apologized for the lack of the GRGID Board participation and asked if the discussion could be tabled until both boards could be present to make decisions. Mr. Nystrom asked if the MGSD Board would be willing to meet at GRGID? The MGSD Board had no problem meeting at GRGID. A meeting date will be set when both the MGSD Board and the GRGID Board can be in attendance.

Meeting adjourned at 8:30 P.M.

Approved: 10-3-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, OCTOBER 3, 1989, 7:30 P.M., BOARD ROOM,  
MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

- 7:30 P.M. Call to Order
- 7:35 Minutes of September 5, 1989 and September 14, 1989
- 7:45 John Drayton--Discussion on Capacity and Time Limitation
- 8:00 HDR Engineering--Review and Approval of Digester Expansion Plans
- 9:30 Engineer's Report
- 9:45 Superintendent's Report
- 10:05 Secretary's Report
- 10:15 Public Commentary
- 10:25 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report

ALL PERSONS attending the board meeting are required to sign the guest register.

PLEASE DO NOT REMOVE UNTIL October 4, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA 89423

Minutes of regular meeting, Tuesday, October 3, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Daniel Hellwinkel, Louis Neddenriep, Jerome Etchegoyhen and William Nelson

Staff Members Present:

Bruce Scott, David LaBarbara and Bonnie Sarasola

Others Present:

John Drayton, David Beres and Jim Yurzyck

The meeting was called to order by Vice-Chairman Louis Neddenriep.

The minutes of September 5, 1989 and September 14, 1989 were reviewed by the Board. Motion by Jerome Etchegoyhen to accept the minutes of September 5, 1989 and September 14, 1989. Seconded by William Nelson. Motion carried.

Beres Precision--Plan Approval--Represented by David Beres. Plans were presented for the connection of the front building located at 1430 Industrial Way in the Carson Valley Industrial Park to the existing stub. David LaBarbara related that 1.0 unit of capacity is required for the building which has already been bought and paid for. Bruce Scott related that the plans meet the MGSD ordinance. The Board questioned Mr. Beres concerning the back building on the property. Mr. Beres informed the Board that the back building is used for storage by Ridge Tahoe and would be served by the present holding tank. Discussion followed concerning sewerage of the back building. The Vice-Chairman felt that the county should be aware that only the front building on the property is being connected to the sewer line. Discussion followed concerning state health requirements as regards connection to public sewer facilities. David pointed out that there is a note on the plans requiring that the holding tank serving the building to be connected to the MGSD line is to be abandoned according to Douglas County specifications. Discussion followed. Motion by Jerome Etchegoyhen to approve the plans for the front building at Beres Precision located at 1430 Industrial Way, Carson Valley Industrial Park, Parcel #25-151-22 for 1.0 unit of capacity subject to approval by Douglas County. David LaBarbara is instructed to make Douglas County aware that the second building located on the property is served by a holding tank. Seconded by William Nelson. Motion carried. Discussion followed concerning sewerage of the second building, state health

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/ regulations and county regulations.

The meeting was then turned over to Chairman Hellwinkel.

John Drayton--Discussion on Capacity and Time Limitation: Mr. Drayton informed the Board that he has been unable to sell his property consisting of 93.516 acres which was brought into the District by contract of service located near Centerville Lane. Mr. Drayton related that he needs a time extension to develop the property in order not to lose his paid for capacity which was brought in under the August 2, 1988 modified moratorium motion. At the present time he has a well driller on the site and is planning to start the road construction. David LaBarbara related that the contract was signed on December 5, 1988, which would mean that the capacity would have to be used by December 5, 1990. David asked what was the intent of the board in using the term "capacity used" in the modified moratorium motion of August 2, 1988. The Chairman felt that if construction was started on the sewer main that the use of the capacity should be allowed. Bruce Scott related that he felt that in most cases it was hard to get a large project going in a two year period. The Vice-Chairman questioned how far off was MGSD in lifting the current moratorium. The Chairman felt that MGSD should not ever sell capacity to people who do not have a specific project and are ready to use the capacity. Bruce suggested reviewing projects on a year by year basis to see what time frame the project is in. The Chairman felt that evidence should be shown the Board that the project is moving forth. The Vice-Chairman felt that the Board should consider extensions. The majority of the Board felt that Mr. Drayton was premature in asking for a time extension at this time and should probably come back to the board and ask for a time extension if needed about six months before his time limit for the use of the capacity has expired. The majority of the Board also felt that they were in favor of granting extensions but such extensions should be given on a case by case basis according to merit. Mr. Drayton related to the Board that it would really help his project if the Board would grant him a time extension for the use of the capacity at this time. The Board related that Mr. Drayton should come back to MGSD for a time extension six months before his time limit for the use of the capacity expires to ask for an extension unless other circumstances occur concerning the project. The Board discussed their intent concerning the term "capacity used" in the modified moratorium motion of August 2, 1988, relating to when the project started, lines in, capacity actually in use, improvement plans approved and construction started and ready to use capacity. Motion by Louis Neddenriep that the word "used" in Section C, 3. of the August 2, 1988 modified moratorium motion is defined as the plans being approved and the construction contract awarded to the contractor. Seconded by William Nelson. Motion carried. Discussion followed

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concerning the future granting of extensions for capacity use under the August 2, 1988 modified moratorium motion, regarding a case by case basis, county ordinances, state statues and preliminary and final maps. Motion by Jerome Etchegoyhen that the request for time extensions for use of capacity within two years relating to the modified moratorium motion of August 2, 1988 will be considered by the Board on a case by case basis. Seconded by William Nelson. Motion carried.

HDR Engineering--Review and Approval of Digester Expansion Plans-- Represented by Jim Yurzyck. Plans and specifications were presented to the Board for a new digester, head works and a second final clarifier. Mr. Yurzyck also informed the Board that plans and specifications had been provided to Julian Bielawski of the State EPA and to Bill Peterson for review. Jim explained the electrical situation and power demand on the plant to the Board. (Refer to HDR Engineering Electrical Distribution System Review, Design Memorandum, September 1989 Draft). Discussion followed on generator, monitoring generator capacity and adequate generator capacity. Jim informed the Board that \$199,000 would upgrade the electrical distribution for the next plant expansion plus 25% for future plant expansion. Jim discussed the proposed upgraded alarm system which includes an automatic dialer. Discussion followed on how the automatic dialer would function and other types of alarm systems and their efficiency. Jim related that costs would be compared for different types of alarm systems. Jim reviewed the preliminary design for the new digester, headworks and second final clarifier and also discussed the rehabilitation of the present digester with the Board. Jim informed the Board that David LaBarbara and Jim Davis had reviewed the preliminary design and have given their comments. Rob Williams will conduct a staff review and comments will be received from Julian Bielawski. Jim then addressed issues such as peak flows, chlorination basin, detention time and the deletion of one commutor. Discussion followed on total plant capacity after completion of construction. Jim reviewed the bar screen, scum pit, scum line, primary digester, new pump building, new boiler, heat exchange, new flow split box, two new covers and required repairs for the existing digester. Discussion followed on capacity availability, new trickling filter, new State permit requirements, better handling and treating of effluent and future plant construction. Jim related that the information and design was presented to gather input from the Board. The 90% design submittal will be ready in November and probably request for plan approval in December with the project going out to bid in January.

Engineer's Report: Bruce Scott informed the Board that six contractors were contacted to bid the paving project around the MGSD administration building. Two contractors bid and the low bid was from Marv McQueary Excavating for \$7,710.20 for areas A & B on

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the area plans discussed at the September 5, 1989 board meeting. Bruce related that Carlson Construction would not put down the petromat as required on the bid specifications, but added an additional inch of asphalt to compensate. The Carlson Construction bid was \$10,325.00. The petromat was discussed as specified on the bid specifications. Bruce recommended that the Board give David LaBarbara authority to negotiate the bid with Marv McQueary Excavating. Discussion followed. Motion by William Nelson to accept the bid in the amount of \$7,719.20 from Marv McGreary Construction for paving and patching as per bid dated September 26, 1989. Seconded by Louis Neddenriep. Motion carried.

Bruce Scott discussed the roof repair problem for the MGSD administration building and advised the Board that it would be advisable to wait until next year to do the necessary repair. Bruce related that the experts advise that whether the roof is overlaid or replaced, the present asbestos roof would have to be handled as hazardous waste and will have to be double bagged for disposal. It would appear that a new roof would cost approximately \$30,000. It would be cheaper to take the asbestos off now rather than waiting until later. Discussion followed on roof replacement and the possibility of temporary patching. Bruce recommended that the Board consider roof replacement.

Superintendent's Report: David LaBarbara presented a letter from engineer, John Corolla requesting business from MGSD. The letter was passed around for Board review.

David LaBarbara related that the EPA is requiring the installation of signs on the Helms and Byington ranches indicating that they are water disposal areas. Both landowners are in agreement that the signs can be installed. The cost of the signs are grant eligible.

David LaBarbara discussed a letter received from Bill Peterson dated September 5, 1989 dealing with time extensions for capacity payments.

David LaBarbara informed the Board that there had been no word from GRGID in regard to a meeting date to discuss capacity purchase. Dan Hellwinkel related that he thought that GRGID would try to set up a meeting date to discuss the capacity issue at their regular board meeting.

David LaBarbara presented a letter and parcel map received from Douglas County concerning the Keele property located near County Road and Hwy. 88 in Minden. David related that square footage credit had been given when the existing building was built. Discussion followed. The Board directed that any remaining square

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/ footage credit would be given on a first come first serve basis if  
the existing parcel is split.

Meeting adjourned at 10:45 P.M.

Approved: 11-7-89

By:

A handwritten signature in dark ink, appearing to read "David R. Halliwell", written over a horizontal line.



# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, NOVEMBER 7, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of October 3, 1989  
7:45 Carson Valley Fair--Extension Request  
7:55 Engineer's Report  
8:10 Superintendent's Report  
8:30 Secretary's Report  
8:40 Public Commentary  
8:50 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following matters will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report

PLEASE DO NOT REMOVE UNTIL November 8, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA

Minutes of regular meeting, Tuesday, November 7, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Daniel Hellwinkel, Jerome Etchegoyhen, Vic Pedrojetti and William Nelson.

Staff Members Present:

David LaBarbara and Bonnie Sarasola

The meeting was called to order by the Secretary, Jerome Etchegoyhen.

Minutes of the October 3, 1989 meeting were reviewed. Motion by William Nelson to approve the minutes of October 3, 1989. Seconded by Vic Pedrojetti. Motion carried.

Carson Valley Fair--Extension Request: David LaBarbara reported that the capacity fees were paid on November 7, 1989 for 75.4 units of capacity for the Carson Valley Fair project. In addition, 22.0 units were previously transferred from the Thoroughbred Photo capacity allocation. The connection fees for the market and drug part of the complex had also been paid. Therefore, Tom Scott informed David that the request for extension would not be necessary since the required fees had been paid on time.

Engineer's Report: The engineer was not present at the Board meeting.

Superintendent's Report: David LaBarbara informed the Board that the \$20,000 surety bond which MGSD held for assurance that the repairs would be completed on the Sunset Park line had been cancelled. The surety company who issued the bond is no longer carrying this type of bond. David related to the Board that the repairs have almost been completed on the Sunset Park line and doesn't feel that the cancellation of the surety bond will be a problem. Douglas County will also not issue a C of O until repairs are approved by MGSD. A copy of the bond and the cancellation notice were forwarded to Bill Peterson for review. Bill informs that the surety has the right to cancel the bond.

The meeting was then turned over to Chairman Hellwinkel.

David LaBarbara presented the ordinance which had been drawn up by Bill Peterson as per direction from the Board which changes the MGSD ordinance so contract customers would pay the same assessments

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and increases as those customers annexed to the District. Discussion followed. Motion by Jerome Ethchegoyhen to adopt ordinance #67 which changes the MGSD ordinance so that contract customers would pay the same assessments and increases as those customers annexed to MGSD. Seconded by William Nelson. Motion carried.

David LaBarbara passed out a memo to each board member which had been received from Resource Concepts containing comments and recommendations for roof repair which had been discussed at the October 3, 1989 board meeting. Since repairs will probably be put off until next year, the memo is intended for informational purposes for the Board.

David LaBarbara reported that due to cooler temperatures, the paving work on MGSD's parking lot will have to be put off until spring. McQueary Construction related that they will still do the job for the price bid when the weather is warm enough to do the work. The Board questioned if the paving job would have to be rebid. Discussion followed.

David LaBarbara presented a letter which had been received from Sun Valley Water and Sanitation asking if MGSD would be interested in becoming involved in the formation of a lobbying organization for improvement districts. Discussion followed. The Board directed David to reply that the Board is interested in becoming involved in a lobbying organization for improvement districts.

David LaBarbara informed the Board that it was necessary for the Board to make a motion giving him authority to request a grant amendment from the EPA for the required signs to be posted around all lands irrigated with MGSD effluent. The amendment will also cover audit and engineering. Discussion followed. Motion by William Nelson to authorize David LaBarbara to request a grant amendment from the EPA to appropriate signs for all lands irrigated with MGSD effluent. Seconded by Jerome Etchegoyhen. Motion carried.

David LaBarbara informed the Board that MGSD is experiencing plugging problems in the solids handling system. Several things have been tried and it would appear that something has been found to work. It is felt that the poor mixing in the digester is creating most of the problem. David will report the progress made concerning the plugging problem at the next meeting.

David LaBarbara reported that after further review there is .66 units of credit existing on the Keele property located on County Road and Hwy. 88 which was discussed at the October 3, 1989 board meeting.

~~meeting.~~

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David LaBarbara informed the Board that Sierra Chemical has an interest in acquiring the existing 20 ton chlorine tank and wanted to know if the Board would be interested in putting in 1 ton cylinders at this time. Modifications would have to be made if the smaller tanks were put in. Discussion followed. The Board directed that they would wait for another expansion to change the chlorine tank.

David LaBarbara related that HDR Engineering will be at the December board meeting with the final plans and specifications for the digester, final clarifier and headworks to see if the Board wishes to go to bid with the project.

Meeting adjourned at 9:30 P.M.

Approved: 12-5-89

By: 

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, WEDNESDAY, NOVEMBER 15, 1989, 5:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

- 5:30 P.M. Call to Order
- 5:35 Attorney Conference
- 6:45 Adjourn to Gardnerville Ranchos General Improvement District  
931 Mitch Drive, Gardnerville
- 7:00 MGSD Board and GRGID Board--Capacity Discussion

  
Bonnie F. Sarasola-Executive Secretary

PLEASE DO NOT REMOVE UNTIL 11/16/89

*No minutes for attorney conference  
Bill Peterson said attorney-client-confidential  
Minutes attached are from GRGID*

MINUTES OF THE SPECIAL MEETING HELD BY THE GARDNERVILLE RAN-  
CHOS GENERAL IMPROVEMENT DISTRICT BOARD OF TRUSTEES NOVEMBER  
15, 1989 AT THE DISTRICT OFFICE 931 MITCH DRIVE RANCHOS

TRUSTEES PRESENT: BRUCE NYSTROM, BEVERLY PAGE, VIC HYDEN  
BRIAN JONES AND BOB GRIFFIN

TRUSTEES ABSENT: NONE

ALSO PRESENT: BOB SPELLBERG, SUSIE CARTWRIGHT, MIKE  
ROWE, PAUL LUMOS, PRESS AND PUBLIC

MGSD BOARD MEMBERS PRESENT: DANIEL HELLWINKEL, VIC  
PEDROJETTI, JEROME ETCHEGOYHEN, WILLIAM  
NELSON AND LOUIS NEIDENRIEF

ALSO PRESENT: DAVID LABARBARA, BRUCE SCOTT AND BILL  
PETERSEN

THE TWO BOARDS WERE PRESENT TO DISCUSS AND TO HOPEFULLY COME  
TO SOME SORT OF AN AGREEMENT REGARDING THE CONTRACTING OF  
SEWER CAPACITY BETWEEN GRID AND MGSD:

Bruce opened the meeting by thanking everyone for attending  
tonights meeting and stating that this was indeed an his-  
torical event.

Bruce informed the MGSD Board members that the GRID Board  
had reviewed the options of the contract drawn up by Bill  
Petersen, legal council for MGSD and had decided, though not  
unanimously to go with option #1.

Bruce asked Mr. Hellwinkle if he had any comments. Mr.  
Hellwinkle stated that it is the intention of his Board to  
treat everyone the same and had they had this letter a week  
ago they would have had time to make a counter offer.

Bruce stated that he felt that there are some areas of con-  
cern and that it might be possible to go over the items  
tonight and to have input from each Board. Bruce stated  
that although MGSD would like to treat everyone the same;  
that GRID is a municipality and not a developer and there-  
fore, there is a differance.

Paul Lumos stated in order for GRID to be equally treated  
their were a few changes the GRID Board would like to make.  
Paul then went on to discuss each item.

#### ITEM #1.

##### VARIABLE COSTS BASED ON ACTUAL FLOWS:

The Board would like to see the fixed flows be determined by  
measured flows at an agreeable point by both entities. Per  
the 74 agreement GRID has kept meter records and has con-  
tracted with the same person to keep the meters calibrated  
as to insure the accuracy of the meters. Paul stated that  
on the highest 7 days we measured 315,292 gals per day. He  
noted that MGSD had measured 318,000 per day. He felt that  
this was in line. This reading was taken between Sept. 9,  
1989 and Oct. 17, 1989.

According to the current connections Grid has an EDU rating of:

1845 EDU's single family residents  
114 EDU's commercial  
1959 EDU's total

Paul stated that if you used 161 as the figure that GRID is on the low side. However, with new commercials coming into the Ranchos this figure could possibly change. The state shows the average to be 300-330 gals per day. According to historical data we have used 137-175 gals per day. We have a lower per capita currently due to our commercials users. Paul suggested that both entities pick a point in time and to then fix the flow on that amount. We could possibly have 1231 additional connections. We will then have to come to an agreement on flows and connections.

#### ITEM #2:

##### MONTHLY USER CHARGES:

All contracted users will be treated equally is fine stated Paul, however, GRID is not the same as a regular contracted user. We maintain service and bill our own customers. MGSD's other contracted users do not do this. Therefore, GRID would like to adjust the monthly rate to \$12.50 for GRID users this would cover costs to both entities. \$7.00 going to MGSD and \$5.50 going to GRID.

GRID would like to see the Acreage fee of \$600.00 waived as they are not annexed to MGSD.

The connection fee \$275.00 should be split by the two entities as GRID owns 2/3 of the system and MGSD owns 1/3 of the interceptor.

Paul stated that the GRID Board feels these are reasonable requests and that each item should be looked at.

Bruce opened the meeting for comments and discussion.

Mr. Hellwinkle stated that unfortunately the MGSD Board had only received this letter tonight, and therefore could not possibly make any decisions without first being able to review the items. He felt that they could only discuss these items tonight. The GRID Board agreed.

Mr. Petersen stated that the figure of 161 seemed low to him. According to the contract to compute the usage it must be the highest yearly usage not monthly usage. Paul stated that GRID was not locked into a figure of 161 and was willing to negotiate. Mr. LaBarbara stated MGSD had measured 350,000 gals and that Carson City averaged 236 and that figure was based on winter usage. The Grid Board stated that they were asking that a common point be picked, and did MGSD feel that it was workable. Mr. Hellwinkle stated that no decision would be made tonight.

Vic Hyden stated that he was not aware that GRID was having

any problems with the meters. Bob Spellberg informed the Board that problems started the end of Oct. David LaBarbara stated that their meters are calibrated weekly as weather condition such as rain can effect the meters. Bruce asked MGSD if they felt that this item could be worked out. Mr. Hellwinkle stated that MGSD did not want to go too low as they did not want another contracted customer coming back to them stating that they were being treated unfairly. Dan stated that they would take a look at this but they would not make a commitment tonight.

Bruce then asked if they would consider the formula of flows divided by hook-ups or would they rather lock in? Bruce stated that GRID is looking for a figure that both entities can live with.

Mr. Pedrojetti asked how we based the usage for the schools. Paul stated that the usage is based on average daily attendance. David LaBarbara stated that MGSD was the same.

#### USER FEES:

Mr. Hellwinkle stated that other contracting users and homeowners associations also maintain, service and collect the quarterly billing for MGSD. He felt the costs were in line. David stated that he could understand if GRID was asking to deduct Minden and Gardnervilles portion of the bill but not the Ranchos. According to our budget we need this revenue to maintain our plant. Bob Spellberg stated that it was being used as a method and that it would give the attorney's something to work on. Bob stated that it would have to be 2 different monthly rates. One for existing homes and one for new users. No decision made.

#### AD VALORUM:

Bruce stated that there was no problem with this item as this is set. Mr. Hellwinkle stated that according to their EPA grant all customers in or out of the district had to be treated the same. Beverly Page stated that she would like to see a copy of the EPA rules and regulations. Dan stated that the ad valorem would have to be based on a single formula as there is no way to determine the assessed evaluation on each lot.

Jerry Bing asked how you can add ad valorem tax to user fees. Bruce stated that it would be in lieu of. They want a set fee rather than an ad valorem tax.

#### ACREAGE FEE:

MGSD stated that this is actually a capacity fee rather than an acreage fee. Bruce stated that instead of being \$600.00 plus 2,250.00 for capacity the wording could then be \$2,850.00 capacity fee. MGSD stated that in the case of expanding such as Carson Valley Inn they determine the usage based on an acreage fee. It would be the same for a school with a football field. Vic Hyden stated that it is really an impact fee, for when you need to expand your own operations. This item seemed to be workable to all.



Bruce stated that he would like to see this fee pro-rated, as there are no acre lots in the new section of the Ranchos.

Jerry Bing stated that it was her understanding that if MGSD were to expand their plant according to the 74 contract GRID would have to pay a percentage of that expansion with no extra capacity for GRID. She asked if that were true. According to Mr. Petersen this is true. However, it is impossible to figure the percentage that GRID would have to pay. Mr. Hellwinkle stated that when MGSD sells an EDU they have to be prepared to provide that capacity.

#### CONNECTION FEES:

At the present the connection fees for commercial users is \$300.00 and ~~1975~~ 1975.00 for residential users. 70% of this goes for rehabilitation of the sewer lines and 30% for plant expansion. Bruce stated that their should be some way for both entities to share in this. David LaBarbara stated that the bookkeeping procedures would have to be the same in order to charge the same amount of EDU's.

Mr. Hellwinkle stated that in the past MGSD has paid for such things as 100 acres of ponds at \$205,000.00 and the grounds for the reservoirs but they have never asked GRID for any help with this.

He informed the GRID Board that they would take this proposal back with them and discuss it and possibly make a counter proposal and would then get back with GRID.

Beverly Page asked why we can't buy capacity directly instead of having to contract. Mr. Hellwinkle explained to Bev that we can call this an agreement rather than a contract. But in order for us to sell you capacity we must know as you must know what you are going to be charged and what rules we have to go along with that. It's no different than you selling a hook-up to a contractor out here. Bruce stated that GRID is looking for a master contract or agreement that is acceptable to both entities.

Mr. Hellwinkle stated that when you want the capacity we will have it to sell to you.

#### PUBLIC COMMENT:

Jerry Bing stated that after hearing both Boards she did have some suggestions that she would like to pass on; She agreed that Grid should be treated equally, however, she noted that over the past 15 years GRID has paid stand by fees, put in an interceptor line paid fixed costs and variable costs and a percentage of the cost of the plant. No other customer has done this. Therefore, GRID can not be treated the same. The Ranchos does need to expand for future growth. Without GRID being in the region MGSD would not have received the Grant from the EPA she stated. There are now 6,000 residents in the Ranchos with no commercial, we must move forward. Grid needs to get out of the sewer business. MGSD are the experts with sewer and the towns of Minden and Gardnerville run well on the system. If MGSD were to take over the sewer from Grid, MGSD would be gaining ad valorem tax, 2,000 existing homes that have yet to hook-up to the system, areas around the Ranchos that have yet to an-

nex, plus connection fees. GRID should turn over to MGSD all cash dollars in the sewer fund and any excess connection fees along with 3 million dollars worth of sewer lines. These are all additional assets for MGSD.

Bruce asked if there were any more comments.

Mr. Hellwinkle stated that Mrs. Bing was incorrect on the Grant from the EPA. Sierra Charter handled the Grant and GRID had nothing to do with it.

MR. Hellwinkle asked if GRID were willing to pay the fees set forth tonight for every EDU above 513,000 gals? Bruce stated that in theory that was agreed upon.

Mike Rowe informed the Boards that in order for MGSD to take over the sewer system from GRID it would have to be a vote of the property owners in the Ranchos. Bruce stated that if we were to annex to MGSD he would like to have representation from someone in the community of their Board.

Meeting Adjourned.

# Minden-Gardnerville Sanitation District


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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF REGULAR MEETING, TUESDAY, DECEMBER 5, 1989, 7:30 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA.

## AGENDA:

7:30 P.M. Call to Order  
7:35 Minutes of November 7, 1989  
7:45 HDR Engineering--Expansion Plans and Specifications Approval  
8:30 Vasey Engineering--Tentative Plan Approval--Westwood Village IV  
8:45 Mike Schiller--Capacity Request  
8:55 Gary Allen--Request for Capacity Credit  
9:05 Owen Hearold--Capacity Request & Plan Approval  
9:15 Dr. Pitts--Plan Approval & Capacity Request  
9:25 Coleman, Caine & Matzinger--1988-89 Audit  
9:40 Engineer's Report  
9:55 Superintendent's Report  
10:10 Secretary's Report  
10:20 Public Commentary  
10:30 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

The following items will be considered as time permits between the above scheduled agenda items: Engineer's Report, Superintendent's Report and Secretary's Report.

ALL PERSONS attending the board meeting are required to sign the guest register

PLEASE DO NOT REMOVE UNTIL December 6, 1989

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P.O. BOX 568  
MINDEN, NEVADA

Minutes of regular meeting, Tuesday, December 5, 1989, 7:30 P.M.,  
Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

Vic Pedrojetti, William Nelson, Jerome Etchegoyhen, Daniel  
Hellwinkel and Louis Neddenriep

Staff Members Present:

David LaBarbara, Bruce Scott and Bonnie Sarasola

Others Present:

Andy Burnham, Owen Hearold, Mike Schiller, Scott York, Gary Allen,  
Richard Peters, Mike Coleman, Rob Williams and Jim Yurzyck

The meeting was called to order by Vice-Chairman Neddenriep.

The minutes of November 7, 1989 were reviewed by the Board. Motion  
by Vic Pedrojetti to accept the minutes of November 7, 1989.  
Seconded by William Nelson. Motion carried.

Mike Schiller-Capacity Request: Mr. Schiller informed the board  
that he had purchased the property formerly owned by Hintze  
Electric located at 1425 Industrial Way. There are three buildings  
on the property but only one building, being unit C has been  
connected for sewer service. The other two buildings are currently  
being served by a holding tank. David LaBarbara informed the board  
that plans to connect all three buildings were previously approved  
by the Board when the property was owned by John Hintze. Mr.  
Schiller needs to purchase 2.0 units of capacity to serve the two  
buildings not connected for sewer service. Discussion followed.  
Motion by Vic Pedrojetti to sell 2.0 units of capacity to Mike  
Schiller for 1425 Industrial Way, Units A & B under the August 2,  
1988 moratorium motion. The rules, regulations and requirements  
of MGSD are to be met and the capacity fees and connection fees are  
to be paid. The holding tank is to be abandoned as per  
requirements by Douglas County. Seconded by William Nelson.  
Motion carried.

HDR Engineering--Expansion Plans and Specifications Approval--  
Represented by Rob Williams and Jim Yurzyck. Specifications and  
plans for 95% design were presented for a new digester, headworks,  
second final clarifier and modification to the existing digester  
for Board review. Mr. Williams informed the Board that the plans

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and specifications have been sent to the State for approval and requested plan approval from the Board pending approval from the State. The engineers estimates have not been firmed up but the initial estimate for the work is 2.3 million dollars for everything included in the plans. Mr. Williams related that he is hopeful that State approval will be received within two weeks. The State approved the 50% design and there are no major changes in the 95% design. The plans are more detailed than the plans previously approved. Discussion followed. The majority of the Board felt that they wished to wait for firm engineers estimates for the project as well as approval from the State for the 95% design before the plans are approved to be put out for bid. David LaBarbara felt that it was imperative that the improvements be done as soon as possible due to sludge problems that the plant is now experiencing. Discussion. The Board directed that a special meeting would be called for final plan approval and bid authorization after the engineers estimates are completed and when approval from the State is received. The meeting should be a day time meeting to include complete review of the plans and also a walk through to familiarize the Board with the proposed improvements. Rob Williams and Jim Yurzyck briefly reviewed the 95% design with the Board. Discussion followed regarding, the dumpster use, hot water heated digester, future headworks enclosure, future flow rate design, future clarifier and trickling filter, inboard launders and weirs, flocculators modification of existing scum box, removal and replacement of existing equipment, digester building and performance, matching brick, insulation, boiler performance, electrical specifications, timers, gas storage and graphic panel changes.

The meeting was then turned over to Chairman Hellwinkel.

Westwood Village IV-Tentative Plan Approval--Represented by Andy Burnham. Mr. Burnham presented a tentative plan approval for Westwood Village IV which will be an extension of Westwood Village III and will wrap around the back of Douglas High School. Andy explained to the Board how the project was to be sewerred. Bruce Scott related that he had reviewed the tentative plans and they do meet the MGSD ordinance. David LaBarbara related that 50 units of capacity would have to be purchased for Westwood Village IV. Mr. Burnham related that tentative approval is being requested at this time and at a future date, the project will be returned to the board for final approval and capacity request. Discussion followed concerning MGSD's current modified moratorium. Mr. Burnham requested that the Board approve the tentative plans. The Board did not feel approval was necessary. The Board directed that a letter be written stating that the Westwood Village IV project is in the district, that it is eligible to served with sewer service

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provided that the project meets the rules, regulations and requirements of MGSD and that there is capacity available at the time the project is built.

Gary Allen--Request for Capacity Credit: An authorization to represent form signed by the owner, Henry Byers, was presented along with a letter from Gary Allen requesting capacity credit for six motel units located at the Silver Trails Motel at 1469-1471 Hwy. 395 in Gardnerville. Six motel units will be demolished and Mr. Allen wished to retain the credit for future building on the site. The big house in front was disconnected from sewer service at the time the duplex was built. The duplex will remain on the property as well as a small house in the back at the present time. David LaBarbara related that the six motel units equal 2.0 units of capacity and also recommended that the lateral be capped as close to the main as possible. Discussion followed concerning how the other units on the property were connected. There is a lateral coming from the duplex and house which connects to the lateral near the main and also a lateral from the motel units which connects to the lateral near the main. Motion by Jerome Etchegoyhen to allow credit for 2.0 units of capacity for the six motel units that are to be demolished at the Silver Trails Motel and that the lateral from the motel units is to be capped as close to the lateral near the main as possible. Seconded by Vic Pedrojetti. Motion carried. The Chairman related to Mr. Allen that units credited stay with the ground should the parcel be split unless a request is received to move the capacity to the original parcel.

Owen Hearold--Capacity Request and Plan Approval: An authority to represent form signed by the owner R. L. Nowlin was presented along with plans for sewer connection at 1436 Industrial Way in the Carson Valley Industrial Park. David LaBarbara informed the Board that 1.0 unit has been purchased to serve the property, but a total of 1.2 units is needed for the building. Therefore, .2 unit of capacity would have to be purchased. David LaBarbara and Bruce Scoot both related that they have reviewed the plans and that the plans meet the district ordinance. Motion by Vic Pedrojetti to sell .2 units of capacity for the R. L. Nowlin property located at 1436 Industrial Way under the August 2, 1988 moratorium motion. The capacity fee and connection fee are to be paid and the rules, regulations and requirements of MGSD are to be met. Seconded by Louis Neddenriep. Motion carried.

Century 21-Clark Properties--Dr. Pitts Plan Approval and Capacity Request--Represented by Scott York. An authorization to represent form was presented signed by the owner along with a letter from the owner requesting the purchase of 2.4 units of capacity for Dr. Pitt's orthodontist office to be located at 1642 Hwy. 395 in

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Minden. David LaBarbara related to the Board that the plans had been reviewed and that there was 1.0 unit of capacity existing for the unit Dr. Pitts wishes to occupy, but the plans call for 3.4 units of capacity and it will be necessary for 2.4 more units to be purchased. Discussion followed. Motion by Louis Neddenriep to approve the plans and sell 2.4 units of capacity for Dr. Pitts orthodontist office to be located at 1642 Hwy. 395 under the modified moratorium motion of August 2, 1988. The capacity fees and connection fees are to be paid. The rules, regulations and requirements of MGSD are to be met. Seconded by Jerome Etchegoyhen. Motion carried.

David LaBarbara presented an ordinance annexing the Connie S. Ford Trust property into the District and requested that the Board adopt the ordinance. David related that the contract has been signed, all fees have been paid and the annexation map has been recorded. Motion by Louis Neddenriep to adopt ordinance #68 annexing the Connie S. Ford Trust property located at 1662 Hwy. 395 to the District. Seconded by William Nelson. Motion carried.

David LaBarbara presented an ordinance annexing the Mackland II property into the District and requested that the Board adopt the ordinance. David related that the contract had been signed, all fees have been paid and the annexation map has been filed. Motion by Louis Neddenriep to adopt ordinance #69 annexing Mackland II to the District. Seconded by Vic Pedrojetti. Motion carried.

David LaBarbara requested that the Board define "capacity used" dealing with the modified moratorium motion of August 2, 1988 and in the minutes of October 3, 1989. How would a project with no mains or individual laterals be treated? Discussion followed. The Board directed that a project should not be brought before the board unless the project was ready to be done.

Coleman, Caine & Matzinger--1988-89 Audit--Represented by Richard Peters and Mike Coleman. Mr. Coleman related to the Board that a large percentage of time in doing the audit is spent in complying with government regulations and reviewed the various reports required in the audit with the Board. Richard Peters related that the audit indicates that MGSD's ratio regarding assets to liabilities is good. Richard then reviewed the financial portion of the audit with the Board. MGSD's revenues are adequate to meet the current operation costs. Mike and Richard then reviewed the recommendations contained on page 30 of the audit and discussed how the recommendations could be implemented, if the Board so desired. Discussion followed. Mr. Neddenriep asked Mr. Coleman why it took Coleman, Caine & Matzinger so long to do the audit. Mr. Coleman related problems the firm had been experiencing and hoped that the

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problems had been rectified for the future. Mr. Coleman felt that MGSD should receive the audit more promptly next year. Motion by Louis Neddenriep to accept the 1988-89 Audit as prepared by Coleman, Caine & Matzinger and to commend them on a good job done. Seconded by Jerome Etchegoyhen. Motion carried. Mr. Coleman related to the Board that the contract which MGSD has with Coleman, Caine & Matzinger has ended and related that Coleman, Caine and Matzinger will present a proposal for Board consideration for the 1989-90 fiscal year. A letter which was received from Security Pacific Bank asking that MGSD sign an agreement authorizing funds which are now held by Irving Trust to be transferred to Security Pacific Bank in Arizona. Mr. Coleman related that it is common practice and felt it was in order for MGSD to do so. The Board directed that Bill Peterson review the agreement and advise the Board whether it should be signed.

Engineer's Report: Bruce Scott reported that the sewer main in Sunset Park has been repaired and was inspected by Cal Covell.

Bruce Scott reported that he has been working with the Hanna Car Wash people in regard to the proposed car wash at Wass Shopping Center. Hanna will be sending an up to date set of plans to Bruce for review in the near future.

Bruce Scott related to the Board that Resource Concepts needs to review their hourly rate charge for MGSD and would like to discuss the matter at the January, 1990 meeting.

Superintendent's Report: David LaBarbara reported that a letter had been received from Douglas County Public Works asking if MGSD is interested in applying for a block grant. Discussion followed. The Board directed that they were not interested in applying for a block grant at this time.

David LaBarbara related that the audit expenditures for the 1989-90 fiscal year is very close to the budget figures for the same year.

David LaBarbara requested that the Board define "capacity used" relating to the August 2, 1988 moratorium concerning individual laterals. Discussion followed. The Board directed that the project should appear to be moving forward.

Copies of an outline letter written by Bill Peterson concerning the capacity for GRGID were distributed to the Board Members. The Board directed that a special meeting was to be called on December 13, 1989 at 7:00 P.M. at the MGSD Treatment Plant to discuss the contents of Bill Peterson's letter.

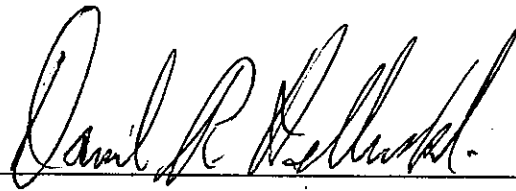


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Meeting adjourned at 10:45 P.M.

Approved: 1-2-90

By:

A handwritten signature in dark ink, appearing to read "David R. Hellmuth", written over a horizontal line.

# Minden-Gardnerville Sanitation District

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P. O. BOX 568  
MINDEN, NEVADA 89423  
702 / 782-3546

NOTICE OF SPECIAL MEETING, WEDNESDAY, DECEMBER 13, 1989, 7:00 P.M., BOARD ROOM, MGSD TREATMENT PLANT, 1790 HWY. 395, MINDEN, NEVADA

## AGENDA:

- 7:00 Call to Order
- 7:05 Discussion of GRGID capacity proposal
- 8:30 Public Commentary
- 8:40 Adjournment

  
Bonnie F. Sarasola-Executive Secretary

MINDEN-GARDNERVILLE SANITATION DISTRICT  
P. O. BOX 568  
MINDEN, NEVADA

Minutes of special meeting, Wednesday, December 13, 1989, 7:00 P.M., Board Room, MGSD Treatment Plant, 1790 Hwy. 395, Minden, Nevada

Board Members Present:

William Nelson, Daniel Hellwinkel, Jerome Etchegoyhen, Vic Pedrojetti and Louis Neddenriep

Staff Members Present:

David LaBarbara and Bonnie Sarasola

Louis Neddenriep, representing the Gardnerville Town Water Company, informed the Board that the water company needs to run a water line in the vicinity of the Carson Valley Industrial Park in front of Carson-Tahoe Rents. There is an easement where the MGSD sewer main is located and Mr. Neddenriep asked permission to allow the Gardnerville Town Water Company to run their water line in the easement, if after researching the easement is found to be MGSD's. There is a possibility that it may be a public utility easement or that the easement may belong to Carson-Tahoe Rents. Discussion followed concerning the distance required between water and sewer mains. Motion by Louis Neddenriep to allow the Gardnerville Town Water Company to construct a water line in the vicinity of Carson-Tahoe Rents in the Carson Valley Industrial Park if after research, the easement is found to belong to MGSD. Seconded by William Nelson. The Chairman related that David LaBarbara should research the easement to see who it belongs to and that the Gardnerville Town Water Company would have to meet the rules, regulations and requirements of MGSD. Vote: 5 ayes, 0 nays. Motion carried.

The Board discussed decorating the yard in front of the administration building with Christmas lights. The Board directed that Christmas lights are to be put in the yard in front of the administration building.

Discussion of GRGID Capacity Proposal: The Board reviewed Bill Peterson's outline relating to GRGID's proposal and MGSD's proposal for capacity purchase dated December 4, 1989. The gallons figure to be used per EDU was discussed. David LaBarbara sighted figures used per EDU by other sewer treatment facilities. The flow figures provided by GRGID were reviewed. David related that MGSD is measuring 360,000 to 380,000 gallons per day. Discussion followed concerning GRGID's way of calculating EDU's and line infiltration. The consensus of the Board was that 250 gallons per EDU is reasonable due to possible infiltration.

The Board discussed the user charge. Audit figures relate that the

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approximate cost for cleaning and maintaining lines is 5%. Discussion followed concerning billing costs. MGSD's budget reflects that billing costs are approximately 2.6%. It was brought out that GRGID bills both water and sewer on the same bill and therefore, the postage cost should be split between water and sewer. It was then brought out that the billing should reflect MGSD's costs and that GRGID's costs are irrelevant. It was also brought up that MGSD will undoubtedly have added costs in dealing with GRGID's capacity. The consensus of the Board would be to reduce the sewer user fee by 11.3% to cover MGSD-only costs.

The acreage fee was discussed. It was the consensus of the board that the acreage fee should remain at the present rate of \$600.00 per acre.

The Board discussed the connection fee regarding connection of new customers, line rehabilitation, plant expansion, MGSD's line which also serves GRGID's flows, MGSD expenses for GRGID's plan review and new connections. Inspection costs for new connections. Louis Neddenriep suggested that the 30% of the connection fee which is set aside for plant expansion to remain the same and that the 70% of the connection fee set aside for maintenance and repair be split between MGSD and GRGID. Discussion followed concerning contract customers, line maintenance, construction costs and plan review costs. Jerome Etchegoyhen suggested reducing the connection fee by 35%. The consensus of the Board was to reduce the connection fee by 35% for connections on contract with GRGID.

The Board discussed a flat fee for lost revenues to MGSD. Tax assessments were reviewed and a lengthily discussion followed concerning a fair cost for lost revenues to MGSD. After a number of calculations to obtain an average were run, Louis Neddenriep suggested assessing a flat fee of \$2.50 per month per EDU to cover lost revenues from GRGID. It was the consensus of the Board to assess a flat fee of \$2.50 per month per EDU to cover lost revenues from GRGID.

The Board instructed David LaBarbara to contact Bill Peterson and instruct him to draw up a proposal consisting of the consensus of the Board to be sent to GRGID as soon as possible. The Board directed that the proposal is to be reviewed by the Board before it is forwarded to GRGID.

Bonnie Sarasola informed the Board that Bill Peterson had reviewed the depository agreement from Security Pacific Bank as per instructions from the Board at the December 5, 1989 meeting. Mr. Peterson related that it was in order to sign the agreement. Motion by Louis Neddenriep to authorize the Chairman to sign the

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depository agreement for Security Pacific Bank. Seconded by Vic  
Pedrogetti. Motion carried.

Meeting adjourned at 9:45 P.M.

Approved: 1-2-90

By: David P. Kellum