

RESOLUTION NO. 1050

A RESOLUTION APPROVING A REVISED INTERGOVERNMENTAL AGREEMENT BETWEEN THE STATE OF OREGON AND THE CITY OF WILSONVILLE FOR REPLACEMENT OF A SEWERLINE FROM THE VICINITY OF BROWN ROAD AND WILSONVILLE ROAD TO THE SEELY DITCH, APPROXIMATELY 300 FEET SOUTH OF WILSONVILLE ROAD; POTENTIAL RECOUPMENT OF A PRO-RATA SHARE OF THE TOTAL COST OF THE SEWERLINE CONSTRUCTION FROM USERS WHO ARE OUTSIDE OF THE IMMEDIATE DRAINAGE BASIN SERVED BY THE EXISTING SEWERLINE THAT PUMP INTO THIS SEWERLINE; AND RECOUPMENT ON A PRO-RATA SHARE OF THE COST OF THE CONSTRUCTION FROM FUTURE USERS WHO ARE WITHIN THE DRAINAGE BASIN BUT WHO ARE NOT WITHIN THE PRESENT URBAN GROWTH BOUNDARY OR THE CITY LIMITS OF THE CITY OF WILSONVILLE.

WHEREAS, the State of Oregon desires to connect the Dammasch Hospital to the City of Wilsonville wastewater system; and

WHEREAS, on July 19, 1993, Council approved an Intergovernmental Agreement with the State of Oregon for installation of a twelve-inch line with recoupment finances based on a pro-ration of expenses; and

WHEREAS, Hummelt Development has agreed to pay the State of Oregon \$14,157 to upgrade the line from twelve inches to fifteen inches; and

WHEREAS, the State desires to insure that Hummelt Development receives a credit for this expenditure; and

WHEREAS, installation of a fifteen-inch line instead of a twelve-inch line, will provide capacity to serve the existing and future customers within the drainage basin, and Dammasch and the Living Enrichment Center, and will have a capacity of 1,193GPM for other future users instead of 224 GPM; and

WHEREAS, the State of Oregon still desires to recoup the expense of constructing the oversizing of the sewerline, on a pro-rata basis, from future users that are outside of the immediate drainage basin and within the City of Wilsonville, as well as from those future users who are outside the present Urban Growth Boundary.

NOW, THEREFORE, THE CITY OF WILSONVILLE, RESOLVES AS FOLLOWS:

1. To hereby approve the Intergovernmental Agreement between the State of Oregon and the City of Wilsonville for replacement of the sewerline from the vicinity of

Brown Road and Wilsonville Road to the vicinity of the Seely Ditch, (approximately three-hundred feet south of Wilsonville Road) with potential, future repayment of the pro-rata share of the cost of the replacement of the sewerline with credit of \$14,157 available to Hummelt Development.

ADOPTED by the Wilsonville City Council at a regular meeting thereof this 20th day of September, 1993, and filed with the Wilsonville City Recorder this date.

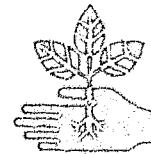

GERALD A. KRUMMEL, Mayor

ATTEST:


VERA A. ROJAS, CMC/AAE, City Recorder

SUMMARY of Votes:

Mayor Krummel	<u>AYE</u>
Councilor Van Eck	<u>AYE</u>
Councilor Carter	<u>AYE</u>
Councilor Hawkins	<u>AYE</u>
Councilor Lehan	<u>AYE</u>



City of
WILSONVILLE
in OREGON

30000 SW Town Center Loop E
Wilsonville, Oregon 97070
FAX (503) 682-1015
(503) 682-1011

COMMUNITY DEVELOPMENT DEPARTMENT
MEMORANDUM

DATE: SEPTEMBER 16, 1993

TO: ARLENE LOBLE
CITY MANAGER

FROM: ELDON JOHANSEN
COMMUNITY DEVELOPMENT DIRECTOR

RE: INTERGOVERNMENTAL AGREEMENT BETWEEN THE STATE OF
OREGON AND THE CITY OF WILSONVILLE FOR REPLACEMENT OF A
SEWERLINE AND RECOUPMENT OF OVERSIZING COSTS

SUMMARY

On July 19, 1993, Council approved an intergovernmental agreement with the State of Oregon for replacement of a ten-inch sewerline with a twelve-inch sewerline between the vicinity of Brown Road and Wilsonville Road and the Seely Ditch, approximately three-hundred feet south of Wilsonville Road. After the agreement was approved, Hummelt Development became concerned that there would not be sufficient capacity in the twelve-inch line to serve their development pending eventual completion of a sewerline along the north bank of the Willamette River from their property to the Wastewater Treatment Plant. Hummelt Development offered to pay, and the State agreed to accept \$14,157, to increase the size of the new line from twelve inches to fifteen inches, with a credit to Hummelt Development for the oversizing. This increase in size was approved by staff with the understanding that the oversizing did not guarantee permanent use of this line. The revised intergovernmental agreement changes the repayment based on the increased line size and allows for a credit to Hummelt Development.

RECOMMENDATION

That Council approve the revised Intergovernmental Agreement between the State of Oregon and the City of Wilsonville.

BACKGROUND

Dammasch Hospital is presently replacing the ten-inch sewerline from Wilsonville Road and Brown Road to the Seely Ditch, approximately three-hundred feet south of Wilsonville Road with a fifteen-inch line. Council had previously approved an intergovernmental agreement that provided for recoupment of cost based on a twelve-inch line. The total cost of the line replacement with a fifteen-inch line is \$143,595. The fifteen-inch line will have a capacity beyond the capacity required to serve the original drainage basin of 1,304 GPM at peak flow. The formula for the cost of future users is the new peak flow from the new development, in gallons per minute, divided by 1,304 GPM.

September 16, 1993 - Page 2

Memo To: Arlene Loble, City Manager

Re: Intergovernmental Agreement between the State of Oregon and the City of
Wilsonville for Replacement of a Sewerline

times \$143,595, equals a pro rata share of the cost. This is an acceptable method of determining cost sharing and staff therefore recommends approval of the intergovernmental agreement.



Eldon R. Johansen, Community Development Director

9/16/93

Date

ej:md

Attachment:

1. New Intergovernmental Agreement
2. Letter, with enclosures, from Mr. Andrew Golay, dated August 5, 1993

pc: IOC-CD
file

August 5, 1993

CITY OF WILSONVILLE

AUG 09 1993

RECEIVED

DEPARTMENT OF
HUMAN
RESOURCES

MENTAL HEALTH AND
DEVELOPMENTAL
DISABILITY SERVICES
DIVISION

Dammasch State Hospital

Michael Stone, City Engineer
City of Wilsonville
8445 SW Elligsen Road
Wilsonville, Oregon 97070

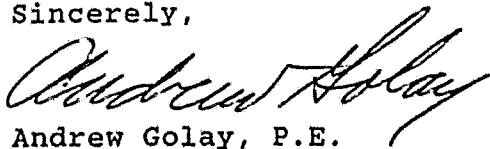
Dear Mike,

Enclosed please find a revised Intergovernmental Agreement for recouping some of the sewer line cost from future users. We made the following changes:

1. Page 1, section B, added the cost to enlarge the pipe \$14,157.
2. Page 1, section C, is a new section allowing Hummelt Development to get a credit for the cost of enlarging the pipe from 12 inches to 15 inches. They are paying the contractor directly for this improvement and, thus, should have the amount deducted from their total pro-rata share.
3. Page 2, section 1b, the equation has been changed to reflect the added capacity of a 15 inch pipe and the increased project.
4. Attachment F is the change order from the contractor for the pipe enlargement.
5. Attachment G has been changed to reflect the added capacity of a 15 inch pipe.

Please contact me if you have any questions about the Agreement or the changes.

Sincerely,


Andrew Golay, P.E.
Director of Support Services

Barbara Roberts
Governor



WP:Wilson

PO Box 58
28801 SW 110th Street
Wilsonville, OR
97070-0058
(503) 682-3111
11021 5 682-3100

August 4, 1993

INTERGOVERNMENTAL AGREEMENT

BETWEEN

THE STATE OF OREGON AND THE CITY OF WILSONVILLE

This agreement is entered into between the State of Oregon (State) and the City of Wilsonville (City) for the cooperation of units of government under the authority of ORS 190.010. It will become effective upon adoption by the parties and will continue until terminated as provided herein.

The circumstances surrounding the making of this agreement are as follows:

A. The State plans to replace approximately 1,500 linear feet of existing City sewer line through a competitive bid process in cooperation with the City. The line runs from the intersection of Wilsonville and Brown Roads south and east under the extension of Brown Road and east along the sewer easement described in a conveyance to the City which is recorded under Recorder's Fee No. 76-35127.

B. The cost of replacing the line is:

Construction.....	\$107,765	(Attachment A)
Engineering.....	16,276	(Attachment B)
Easements.....	1,750	(Attachments C & D)
Permits.....	3,647	(Attachment E)
Enlarge pipe to 15"....	<u>14,157</u>	(Attachment F)

Total \$143,595

C. The Hummelt Development Company, Lake Oswego, Oregon paid \$14,157.00 to increase the pipe diameter from 12 inches to 15 inches (attachment F). Therefore, any pro-rata payment they are responsible for shall be decreased by \$14,157.00.

D. The State desires to recoup a pro-rata share of the total cost from two groups of future sewer line users:

Group 1 are future users who are outside of the immediate drainage basin and who would pump their waste into the immediate drainage basin from an adjacent drainage basin.

Group 2 are future users who are within the immediate drainage basin but who are not in the present urban growth boundary.

- E. The State and the City are not promoting or advancing extraterritorial development with this agreement. The agreement is meant to establish a payback methodology for the State's sewer line costs only.

NOW, THEREFORE, in consideration of the mutual covenants contained herein:

1. The State and the City agree to facilitate the collection and repayment of pro-rata shares of the sewer line cost from future sewer line users.
 - a. The City will notify the State of Oregon, Department of General Services, Facilities Division whenever a party from groups 1 or 2 above connect to the sewer line.
 - b. The State will assess the party a pro-rata share of the sewer line cost based on their gallon contribution according to the following formula (see attachment G for supporting assumptions):

Added flow (peak gpm) / 1,304 gpm X \$143,595.00 = Pro-rata charge

2. This Agreement and the obligations of the parties hereunder shall terminate upon the first happening of the following events:
 - a. Ten years after date of execution of the agreement.
 - b. Agreement of the parties.
 - c. The capacity of the new sewer line is exceeded.

State of Oregon
Department of General Services

Adopted by the City of
Wilsonville

Curt Hohn, Administrator
Facilities Division



Jerry Krummel, Mayor

Date

Date

WP:SEWER3

ATTACHMENT A

Bid #12500018-93

Closing Date: 04/20/93

Sewer Extension at Dammasch Hospital

Public Works Contract

Vendor			*K & R PLUMBING	TOTAL	ITEMIZED CONSTRUCTION COST		
Residence			*Clackamas, OR	ITEM			
Contractors Board Number			*03294	COST			
Item	Qty	Unit	Description	*Unit			
1	1	LS	MOBILIZATION	*	\$8,100.00	\$ 8,100.00	Items 1 through 30 are the cost for sewer line segment SA-1 which is the line running from the intersection of Wilsonville Road and Brown Road through the filbert orchard.
2	20	LF	CURB, GUTTER, & SIDEWALK	*	\$30.00	600.00	
3	300	SY	ASPHALT PAVING	*	\$18.30	5,490.00	
4	1800	SF	LANDSCAPING	*	\$2.80	5,040.00	
5	1220	LF	CHAIN LINK FENCE	*	\$5.00	6,100.00	
6	1	LS	STREET BARRICADES	*	\$200.00	200.00	
7	1	LS	MANHOLE F	*	\$2,000.00	2,000.00	
8	1	LS	MANHOLE A	*	\$500.00	500.00	
9	108	LF	REMOVE EXISTING 10" SEWER	*	\$1.00	108.00	
10	10	EA	PLUG & CAP EXISTING 10" SEWER	*	\$50.00	500.00	
11	2	EA	FILL MANHOLES D & E WITH SAND	*	\$275.00	550.00	
12	2	EA	REMOVE CONES/BARREL & FILL M.H. B&C	*	\$500.00	1,000.00	
13	1565	LF	FILL 10" SEWER BETWEEN M.H. A & F	*	\$1.90	2,973.50	
14	2	EA	TIE 8" EXISTING TO M.H. 4	*	\$400.00	800.00	
15	50	LF	INSTALL 8" PVC	*	\$54.50	2,725.00	
16	153	LF	RELOCATE 8" DUCTILE IRON WATER LINE	*	\$57.50	8,797.00	
17	2	EA	TIE NEW WATER LINE	*	\$250.00	500.00	
18	936	LF	12" PVC 3034 SEWER MAIN (0-12) NAT.	*	\$15.70	14,695.00	
19	310	LF	12" PVC 3034 SEWER MAIN (12-20) NAT.*	*	\$19.10	5,921.00	
20	339	LF	12" PVC 3034 SEWER MAIN (12-20) ROCK*	*	\$56.50	19,153.50	
21	5	EA	STANDARD MANHOLES	*	\$1,900.00	9,500.00	
22	1	EA	DROP MAHOLES	*	\$1,900.00	1,900.00	
23	10	LF	ADDITIONAL MANHOLE DEPTH > 12'	*	\$130.00	1,300.00	
24	1	LS	CONTINUAL SERVICE FOR EXISTING SEWER*	*	\$200.00	200.00	
25	50	CY	ROCK EXCAVATION	*	\$1.00	50.00	
26	2	EA	FABRIC/GRAVEL INLET EROSION CONTROL	*	\$60.00	120.00	
27	1	EA	GRAVEL ENTRANCE	*	\$860.00	860.00	
28	1245	LF	SILT FENCE	*	\$1.25	1,556.20	
29	1	LS	TRAFFIC CONTROL	*	\$6,000.00	6,000.00	
30	3	EA	MANHOLE OFFSET SIGNS	*	\$175.00	525.00	
31	1	LS	MOBILIZATION	*	\$1,650.00	0	
32	660	LF	WIRE FENCE	*	\$2.80	0	
33	500	CY	TOPSOIL	*	\$2.00	0	
34	1	LS	TIE TO 8" SANITARY SEWER	*	\$2,400.00	0	
35	1	LS	TIE TO M.H. OSA-1	*	\$700.00	0	
36	15	LF	ADD 30" CSP STORM DRAIN	*	\$62.50	0	
37	1500	CY	EXCAVATION & EMBANKMENT / NAT MAT.	*	\$1.90	0	
38	1	LS	PROVIDE CONTINUAL SEWER SERVICE	*	\$200.00	0	
39	784	LF	8" PVC 3034 (0 - 12) NATIVE	*	\$12.05	0	
40	80	LF	8" PVC 3034 (12+) NATIVE	*	\$22.55	0	
41	395	LF	8" DIP CI WITH NATIVE	*	\$18.55	0	
42	5	EA	STANDARD MANHOLES	*	\$1,650.00	0	
43	5	LF	ADDITIONAL MANHOLE DEPTH OVER 12'	*	\$120.00	0	
44	1270	LF	12' WIDE GRAVEL ACCESS	*	\$6.20	0	
TOTALS - ALL ITEMS					\$154,652.90	\$107,764.95	

ATTACHMENT B
DEPARTMENT OF GENERAL SERVICES

CONSULTANT CONTRACT AMENDMENT NUMBER TWO

Fund No. 584-3-89-01-42-00

Contract No. R00812

Date: March 19, 1993

Project: Dammasch Sewer Line

The Consultant Contract (the Contract) dated 18 November 1992 by and between the STATE OF OREGON, acting through the Department of General Services (Department), and OTAK CORPORATION (Consultant), is amended as follows:

Paragraph 3a:

Modify to read: The Department agrees to pay the Consultant not to exceed the sum of \$38,635.00 (an increase of \$29,065) for accomplishment of the work.

Attachment A, Scope of Services:

Add the following:

Phase Two Services

A.1 Detailed Design Option 2 (Park at Merryfield)	\$14,763.00
A.1.1 Setup control line and elevation	
A.1.2 Topographic survey 2A (Park at Merryfield)	
A.1.3 Topographic survey 2B (bypass at STP)	
A.1.4 Design of Park at Merryfield (1"=40' plan and profile)	
A.1.5 Prepare easement analysis	
A.2 Develop construction bid documents	\$ 3,880.00
A.3 Assist in bidding/distribute documents	\$ 1,450.00
A.4 Construction Administration	\$ 8,182.00
A.4.1 Administration Option 2 (Park at Merryfield)	
A.4.2 Grouting	
A.4.3 Construction Survey Option 2	
A.4.4 Close out/as-builts (sets to DSH & Wilsonville)	
A.5 Prepare Grouting Specifications	\$ 790.00
TOTAL FEE FOR PHASE TWO SERVICES	\$29,065.00
SA-1 linear feet equals 56% of total linear feet of project	
\$29,065.00 X 56 % =	\$16,276.40

April 22, 1993

Tom Bernert and W. A. Schaeffer
 Joe Bernert Towing Company, Inc.
 P. O. Box 37
 Wilsonville, OR 97070

DEPARTMENT OF
 HUMAN
 RESOURCES

MENTAL HEALTH AND
 DEVELOPMENTAL
 DISABILITY SERVICES
 DIVISION

Dammasch State Hospital

Dear Mr. Bernert and Mr. Schaeffer:

Dammasch State Hospital (DSH) proposes the following agreement in regard to replacing the sewer line that traverses your property at the southeast corner of Wilsonville Road and Brown Road (see attached plan).

1. The existing fifteen feet wide permanent sewer line easement will be shifted five feet, either north or south at your preference. The existing sewer line will be filled with sand and abandoned in place. We will install a new sewer line about five feet away from the existing line and the new easement will be centered on the new sewer line. DSH will pay the cost of surveying the easement and preparing the legal description of the parcel.
2. For a fee of \$1,000. you will grant DSH a twenty feet wide construction easement adjacent to the sewer line easement.
3. DSH will return the vegetation and landscape to the preconstruction after the project ends.
4. DSH, through its contractor, will be fully liable for any damage or loss incurred as a result of the projects.
5. DSH will remove the existing chain link fence prior to construction and relocate it after construction adjacent to the easement on a line of your choice.
6. During construction, DSH will erect a temporary east-west barrier adjacent to the easement to prevent access onto the property.

Please sign below if you agree with these conditions and return one of the originals to me. Thanks for your assistance

Sincerely,

Andrew Golay, P. E.
 Director of Support Services

CC: Bill Foster, Dept of General Service

Barbara Roberts
 Governor



Tom Bernert, Owner

W. A. Schaeffer, Owner's Representative

PO Box 38
 28801 SW 110th Street
 Wilsonville, OR
 97070-0038
 (503) 682-3111
 TDD (503) 682-3100

Oregon

April 22, 1993

DEPARTMENT OF

HUMAN

RESOURCES

John Winqvist
Guardian Management Corporation
PO Box 5668
Portland, Oregon 97228-5668

RECEIVED

APR 26 1993

MENTAL HEALTH AND
DEVELOPMENTAL
DISABILITY SERVICES
DIVISION

Dammasch State Hospital

Re: Construction Easement at Wilsonville Heights Apartments


Dear Mr. Winqvist:

Dammasch State Hospital would like to purchase, for \$750.00, a construction easement across a corner of the Wilsonville Heights Apartments' property. There is an existing sewer line and easement across the property and we would like to expand the easement temporarily to provide a larger working area when we replace the existing sewer line. We are replacing the sewer line as part of a project to connect the hospital to the City of Wilsonville's sewer system and we would have to do much less trench shoring if we had a wider easement to work on.

The construction easement would be ten feet further south of the existing easement (see attached plan). The plot is a grass yard with an underground irrigation system. We would return the plot to the present condition and replace any irrigation equipment removed or damaged during construction. Further, the state will be fully responsible for any loss or damage resulting from the project.

We plan to begin construction in mid-May and would like to have an agreement with you before we begin. Please sign below (or have the property owner sign) if you agree to the easement, and return one of the two originals to me. We will then forward the payment. I know this is short notice and I appreciate any help you can provide moving this along quickly.

Sincerely,



Andrew Golay, P.E.
Director of Support Services

cc: Bill Foster, Department of General Services



JAMES H WINKLER, GENERAL PARTNER

John Winqvist, Guardian Management Corporation
WP:EASE1

Barbara Roberts
Governor



PO Box 38
28801 SW 110th Street
Wilsonville, OR
97070-0038
(503) 682-3111
TDD (503) 682-3100

ATTACHMENT E

PLAN REVIEW AND PERMIT COSTS

City of Wilsonville standard costs for a public works project with a construction value of \$154,652.00

- 1. Plan review\$320.00
- 2. Construction Permit.....5,532.00
- 3. Manhole Inserts, 12 @ \$55 ea.....660.00

Total 6,512.00

Section SA-1 represents 56% of the total linear feet of the project. Therefore, the plan review and permit costs associated with it are:

$$\$6,512.00 \times 0.56 = \$3,647.00$$

CHANGE ORDER P. 1

**K & R PLUMBING
CONSTRUCTION CO., INC.**

Have Rig Will Dig
14463 SE 152nd Drive
CLACKAMAS, OREGON 97015

ATTACHMENT F

Number One



(503) 658-3161 • FAX (503) 658-8305

PHONE	FAX 682-3668	DATE	July 23, 1993
682-4619			
JOB NAME/LOCATION Sewer Extension at Dammasch Hospital			
JOB NUMBER 12500018 93		JOB PHONE	
EXISTING CONTRACT NO		DATE OF EXISTING CONTRACT	

TO Mr. Andy Colay
Oregon Department of General Services
Purchasing Division

We hereby agree to make the change (s) specified below:

Schedule SA.1:

Change 12-inch PVC sanitary sewer pipe to 15-inch PVC., from sta. 0+00 to sta. 15+73.

Change order price includes increased manhole construction costs.

Change order No. 1 will increase cost \$9.00/LF (sta. 0+00 to sta. 15+73);
1,573 LF @ \$9.00/LF = \$14,157.00

Final change order cost will be calculated on an "as built" basis.

NOTE: This Change Order becomes part of and in conformance with the existing contract.

WE AGREE hereby to make the change (s) specified above at this price <input checked="" type="checkbox"/>		\$	
DATE July 23, 1993		PREVIOUS CONTRACT AMOUNT	\$
AUTHORIZED SIGNATURE (CONTRACTOR) <i>[Signature]</i>		REVISED CONTRACT TOTAL	\$

ACCEPTED — The above prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.

Date of acceptance _____
Signature _____ (OWNER)

ATTACHMENT G

ASSUMPTIONS FOR FLOW CALCULATION

The State is installing a new fifteen inch diameter sewer line which has a flow capacity of 1,990 gallons per minute (gpm). The existing ten inch diameter line has a flow capacity of 686 gpm. Therefore, the added capacity of the expansion is 1,304 gpm.

Dammasch State Hospital and the Living Enrichment Center will use 210 gpm of the new capacity leaving 1,094 gpm for future users.

The cost to future users shall be based on their peak flows and pro-rated according to how much of the 1,304 gpm capacity they use. That is:

$$\text{New flow (peak gpm)} / 1,304 \text{ gpm} = \text{Pro-rata share of cost}$$

July 23, 1993

Mr. Andrew Golay
 Dammasch State Hospital
 28801 SW 110th Avenue
 Wilsonville, OR 97070-0038

Re: Dammasch Hospital - Oversizing Sewer from 12-Inch to 15-Inch
Project Number L4327.D01

Dear Andy:

The following is a recap of the existing and proposed sanitary sewer flows on the mainline through the filbert orchard:

Existing 10-Inch at $S = 0.0042 = 686$ gpm

From the Dammasch State Hospital Sewer Design study revised January 26, 1993 (copy enclosed), the existing/proposed flow through the "filbert orchard" line at total buildout is 771 gpm.

Dammasch will add 222 gpm for a total of 993 gpm. The capacity of a 12-inch at $S = 0.004$ is 1,096 gpm.

The proposed Morey property will add 222 single family lots on 72 acres. Based on the City of Wilsonville's design criteria, the additional flow is:

222 units x 2.67 people/unit = 592.74, say 593 people

Average flow	=	593 x 100 gpcd,
	=	59,300 gallons per day
Peak factor	=	3
Infiltration	=	800 gallons per day per acre
	=	800 x 72
	=	57,600 gallons per day
Total Morey	=	235,500 gallons per day
	=	163.54 gallons per minute, say 164 gpm

The 12-inch line ($Q = 1,096$ gpm) does not have adequate capacity for the existing basin (771 gpm), Dammasch (222 gpm), and the Morey property (164 gpm). The net is $1,096 - 1,157 = 61$ gallons per minute shortage in capacity.

The capacity of a 15-inch line at $S = 0.004$ is 1,990 gpm, which has more than adequate capacity for the existing basin (771 gpm), Dammasch (222 gpm), and the Morey property (164 gpm). The net is $1,990 - 1,157 = 833$ gallons per minute additional.

If you have any questions, please contact me.

Sincerely,



Dale C. Ross, PE

cc: Mike Stone/City of Wilsonville
 DCR:lmw

otak

INCORPORATED
 ARCHITECTS, P.C.

Architecture
 Planning
 Urban Design
 Development Services
 Landscape Architecture
 Civil Engineering
 Transportation
 Environmental Services
 Water Resources
 Surveying

1300 SW Doones Ferry Road
 Lake Oswego, Oregon 97036
 (503) 634-5418
 Fax (503) 634-8506

220 Kirkland Way, #100
 Kirkland, Washington 98033
 (206) 822-4448
 Fax (206) 827-3377

ATTACHMENT A

Bid #12500018-93
 Closing Date: 04/20/93
 Sewer Extension at Dammasch Hospital
 Public Works Contract

Vendor				*K & R PLUMBING	TOTAL	ITEMIZED CONSTRUCTION COST
Residence				*Clackamas, OR	ITEM	
Contractors Board Number				*03294	COST	
Item	Qty	Unit	Description	*Unit		
1	1	LS	MOBILIZATION	*	\$8,100.00	\$ 8,100.00
2	20	LF	CURB, GUTTER, & SIDEWALK	*	\$30.00	600.00
3	300	SY	ASPHALT PAVING	*	\$18.30	5,490.00
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13	1565	LF	FILL 10" SEWER BETWEEN M.H. A & F	*	\$1.90	2,973.50
14	2	EA	TIE 8" EXISTING TO M.H. 4	*	\$400.00	800.00
15	50	LF	INSTALL 8" PVC	*	\$54.50	2,725.00
16	153	LF	RELOCATE 8" DUCTILE IRON WATER LINE	*	\$57.50	8,797.00
17	2	EA	TIE NEW WATER LINE	*	\$250.00	500.00
18	936	LF	12" PVC 3034 SEWER MAIN (0-12) NAT.	*	\$15.70	14,695.00
19	310	LF	12" PVC 3034 SEWER MAIN (12-20) NAT.	*	\$19.10	5,921.00
20	339	LF	12" PVC 3034 SEWER MAIN (12-20) ROCK*	*	\$56.50	19,153.50
21	5	EA	STANDARD MANHOLES	*	\$1,900.00	9,500.00
22	1	EA	DROP MAHOLES	*	\$1,900.00	1,900.00
23	10	LF	ADDITIONAL MANHOLE DEPTH > 12'	*	\$130.00	1,300.00
24	1	LS	CONTINUAL SERVICE FOR EXISTING SEWER*	*	\$200.00	200.00
25	50	CY	ROCK EXCAVATION	*	\$1.00	50.00
26	2	EA	FABRIC/GRAVEL INLET EROSION CONTROL	*	\$60.00	120.00
27	1	EA	GRAVEL ENTRANCE	*	\$860.00	860.00
28	1245	LF	SILT FENCE	*	\$1.25	1,556.20
29	1	LS	TRAFFIC CONTROL	*	\$6,000.00	6,000.00
30	3	EA	MANHOLE OFFSET SIGNS	*	\$175.00	525.00
31	1	LS	MOBILIZATION	*	\$1,650.00	0
32	660	LF	WIRE FENCE	*	\$2.80	0
33	500	CY	TOPSOIL	*	\$2.00	0
34	1	LS	TIE TO 8" SANITARY SEWER	*	\$2,400.00	0
35	1	LS	TIE TO M.H. OSA-1	*	\$700.00	0
36	15	LF	ADD 30" CSP STORM DRAIN	*	\$62.50	0
37	1500	CY	EXCAVATION & EMBANKMENT / NAT MAT.	*	\$1.90	0
38	1	LS	PROVIDE CONTINUAL SEWER SERVICE	*	\$200.00	0
39	784	LF	8" PVC 3034 (0 - 12) NATIVE	*	\$12.05	0
40	80	LF	8" PVC 3034 (12+) NATIVE	*	\$22.55	0
41	395	LF	8" DIP CI WITH NATIVE	*	\$18.55	0
42	5	EA	STANDARD MANHOLES	*	\$1,650.00	0
43	5	LF	ADDITIONAL MANHOLE DEPTH OVER 12'	*	\$120.00	0
44	1270	LF	12' WIDE GRAVEL ACCESS	*	\$6.20	0
TOTALS - ALL ITEMS					\$154,652.90	\$107,764.95

Items 1 through 30 are the cost for sewer line segment SA-1 which is the line running from the intersection of Wilsonville Road and Brown Road through the filbert orchard.