

DOWNERS GROVE SANITARY DISTRICT
COST REIMBURSEMENT PROGRAM FOR THE INSTALLATION OF
OVERHEAD SEWERS OR BACKFLOW PREVENTION DEVICES

CONTRACTOR CHECKLIST

This checklist has been prepared to assist you in preparing a proposal for the installation of overhead sewers or backflow prevention devices under the District's Cost Reimbursement Program for the Installation of Overhead Sewers or Backflow Prevention Devices. Under this Program, the District will reimburse a building owner up to \$3,000, or 50% of the cost, whichever is less, of installing a District approved overhead sewer system or backflow prevention device.

- 1) The owner must allow the District to inspect the building prior to the District's determination of eligibility for this Program. This inspection will include a television inspection of all underground waste piping and of the entire building sanitary service from the building to the point of connection to the District sewer, and it may also include rainfall simulation testing. All sources and potential sources of infiltration and inflow must be eliminated as part of this Program. Infiltration and inflow includes any stormwater, surface water, ground water, roof runoff water, subsurface drainage, runoff water from ground or paved areas, cistern overflow or water from air-conditioning systems, industrial cooling operations, or any other unpolluted water. If no sump pump for collecting and removing ground water is present in the building, one must be installed and any existing footing tiles, window well drains, and exterior area drains must be reconnected to the new stormwater sump pump. The discharge of the new stormwater sump pump should either be to a storm sewer or to grade on the exterior of the building, as far from the building sanitary service as possible. The costs of the installation of this stormwater sump pump as well as incidental under floor connections to existing footing tiles or drains are eligible for reimbursement under this Program. The installation of a footing tile drainage system and extensive reconstruction of the building sanitary service are not eligible for reimbursement under this Program. The results of the District's Preliminary Investigation are summarized on the attached sheet.
- 2) The Program is limited to the actual cost of the overhead sewer or backflow prevention device installation and the installation of a sump pump as required above, but does not include repair or replacement of any existing defective plumbing, such as cleanout caps, fixtures, piping, improper venting, etc. nor any incidental costs such as landscape restoration, painting, tile, carpeting, etc.
- 3) The owner must provide the District with proposals from a minimum of two contractors (three proposals are recommended) for the type of backup prevention selected by the owner. If you provide a proposal for a backup prevention device other than an overhead sewer, you must also provide a proposal for an overhead sewer conversion. An overhead sewer does not rely upon a backflow valve or device and is believed to be the best backup prevention method. All proposals must provide sufficient detail for the District to determine the exact method of installation, the costs for labor and materials, the portion of the work not eligible for this Program as indicated above, and compliance with all District ordinances and conditions.
- 4) The owner must obtain a no-charge District sewer permit for the work and must obtain a permit from the appropriate building authority (i.e., municipality or county), if required. After issuance of the permits, any changes or modifications to the work will require review and approval of the District and the appropriate building authority.

- 5) The contractor hired by the owner to perform the work must be bonded with the District, and the appropriate building authority, if required.
- 6) The District is not a party to any contract between the owner and the contractor.
- 7) In order to be eligible for this Program, the installation of an overhead sewer shall meet the following requirements:
 - a. Overhead sanitary sewers must be provided to all floor levels that are less than one foot (1') above the elevation of the rim of the District manhole immediately upstream of the point of connection of said building into the District sanitary sewer system. Plumbing fixtures on a building floor level below an overhead sewer shall drain into an ejector pit. This information is contained in the attached Results of District Preliminary Investigation.
 - b. A properly vented ejector basin shall be installed for all installations under this Program. Ejector basins must comply with all District and appropriate building authority requirements. Ejector basins must be at least ten (10) feet from any stormwater sump pits. The District shall maintain a list of ejector basins approved for use under this Program (list is attached).
 - c. The manufacturer and model number of the proposed ejector pump must be specified in the contractor's proposal. The pump curve for the proposed ejector pump must be provided with the contractor's proposal. All ejector pumps must be able to pass a two inch solid. The smallest capacity pump suitable for the proposed installation must be specified. The capacity of the ejector pump shall not exceed 89 gallons per minute at a total head of ten feet. The ejector pump must be selected and installed in accordance with the manufacturer's requirements. A check valve and a ball valve must be installed in the discharge piping from the ejector pump. A partial list of ejector pumps which pass a two inch solid and do not exceed 89 gallons per minute at a total head of ten feet is attached.
 - d. Connections to the proposed ejector pump must be specifically listed on the contractor's proposal and all such connections shall be for the disposal of sanitary wastes only.
 - e. A sketch indicating the proposed work must be included with each proposal.
 - f. The District shall have the right to enter the building for inspection upon completion of the work and to impose penalties if the capacity of the ejector pump exceeds the capacity allowed by item c. above. All such penalties shall be imposed in accordance with District ordinances prescribing penalties for ordinance violations as may be in effect at the time the violation of this section is discovered.
- 8) Upon completion of the work, premises are inspected by the District and the appropriate building authority. Upon approval by the District and the appropriate building authority, acceptance by the owner and submission of a paid receipt from the contractor to the owner, reimbursement will be made directly to the owner.
- 9) All work under this Program must comply with District and applicable municipal or county ordinances, codes and requirements. In the event of any conflict between the District and municipal or county ordinances, codes or requirements, the District shall prevail.

DOWNERS GROVE SANITARY DISTRICT
CONTRACTOR CHECKLIST FOR OVERHEAD SEWER COST REIMBURSEMENT

JOB ADDRESS:

HOMEOWNER NAME:

CONTRACTOR NAME: _____

	CONTRACTOR: SPECIFY ITEMS INCLUDED IN YOUR PROPOSAL AND ATTACH THIS SUMMARY SHEET TO YOUR STANDARD PROPOSAL FORM
PUMP MODEL PUMP BRAND DISCHARGE SIZE	
BASIN SIZE BASIN BRAND	
CLEAN OUT DOWN STREAM (IF NEEDED)	
CHECK VALVE	
BALL VALVE	
VENTING INDICATED ***	
TARPING OF FLOORS-CARPETS	
SPOILS REMOVAL	
RESTORATION	
ELEC. OUTLET **	
PIPING SPEC. - SCHED. 40	
FLOOR LEVELS PROTECTED *	
REMOVE EXISTING VALVE (IF NECESSARY)	
LIST FIXTURES INTO EJECTOR	
OTHER ITEMS	
EXPIRATION DATE - PROPOSAL	
COST	

***** NOTES *****

- ALL WORK MUST COMPLY WITH THE DOWNERS GROVE SANITARY DISTRICT COST REIMBURSEMENT PROGRAM REQUIREMENTS
- *** VENTING MUST TIE IN AS HIGH AS POSSIBLE
- ** NEW OUTLET MUST BE A DEDICATED OUTLET (SINGLE PLUG) FOR THE PUMP ONLY, GFI NOT REQUIRED.
- * PLEASE REFER TO DGSD PRELIMINARY INVESTIGATION REPORT FOR THIS ADDRESS

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EJECTOR PUMP LIST - APRIL 1999

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>HP</u>	<u>SOLIDS HANDLING (INCHES)</u>	<u>CAPACITY @ 10 FOOT HEAD (GPM)</u>
LIBERTY	LE41	0.40	2.00	52
STA-RITE	500S	0.40	2.00	55
MYERS	SRM4M1C	0.40	2.00	60
ZOELLER	264	0.40	2.00	60
STEVENS	SS80F	0.50	2.00	70
TEEL	2P109	0.40	2.00	70
ABS	SJVI4WA1	0.40	2.00	80
EBARA	50DWXAU6.4S	0.50	2.00	80
ZOELLER	266/267/268	0.50	2.00	89

EJECTOR BASIN LIST - FEBRUARY 1998

<u>MANUFACTURER</u>	<u>MODEL</u>	<u>CAPACITY (GALLONS)</u>
A. K. INDUSTRIES	PB18X30FI	30
A. K. INDUSTRIES	PB22X32SV	55
A. K. INDUSTRIES	PB24X36FI	71
FIBERBASIN	18 X 30	30
FIBERBASIN	18 X 36	53
FIBERBASIN	24 X 36	71
JACKEL	ECO SF-30HS	30
JACKEL	SF24X36	71

NOTE: The District is providing this partial list as a service. It is not an endorsement or recommendation of the above named ejector pumps or basins. Other ejector pumps or basins may be used at your choice, provided they meet District requirements.