

Urbana & Champaign Sanitary District

***** DRAFT ***** **Policies & Procedures** ***** DRAFT *****

Subject: Sale of Effluent, Biosolids, or Other By-Products

General Statement:

Any sale of effluent, biosolids, or other by-products produced by the Urbana & Champaign Sanitary District (UCSD) must be consistent with the Mission Statement and permit compliance.

Policy:

1. Any sale of effluent, biosolids, or other by-products produced by UCSD must be financially beneficial. Influences upon the District, the local economy and the regional economy shall be considered.
2. Before the Board approves a substantial contract, consulting the public is strongly encouraged.
3. Eliminating or mitigating impairments in waterways directly attributable to UCSD actions is critical. Reducing impairments of waterways, regardless of the original cause, is desirable.
4. Reducing pollutant loadings to the environment is highly desirable (water, air, or land).
5. Providing some minimum sustaining level of effluent discharge to support aquatic uses of the creeks during drought is highly desirable. Providing a higher level of effluent discharge to support aquatic uses above basic sustenance is preferred.
6. Beneficial re-use of biosolids and effluent is encouraged. Disposal and/or consumptive uses are less desirable. The evaluation shall take into account what alternatives and options are present for the purchaser and UCSD.
7. Retaining water within the watershed to encourage recharge of groundwater is desirable. When water is discharged from the District or watershed, discharging to the watershed that receives storm water flows from the point of usage is encouraged.
8. Incorporating market incentives to encourage other goals is desirable. Desirable impacts upon water consumption, aquifer status, energy use, and other resources may be sought.
9. Contracts must have a limited duration. Limiting obligations to five (5) years (one NPDES Permit cycle) is preferred. When extensive infrastructure is necessary, consideration of reasonable return on investment and expected life of the infrastructure may be necessary. If longer term commitments are contemplated, increasingly conservative assumptions regarding resources, permits, and potential limitations shall be included in the evaluation. Reopener clauses to address exceptional circumstances should be included in all contracts.

Date Effective:

Applying the Policy - Question

- The Urbana Park District has asked to fill trucks for watering off-site gardens and plants. They will use under 10,000 gallons per day.
- The Landscape Recycling Center has various uses for water/effluent. Assume they use 400 gallons per minute during the driest weather, that is 0.6 million gallons per day, or MGD.
 - (About 10% of the Cronus' proposed volume)

Would you support or oppose UCSD contracting with these options?

Applying the Policy - Question

- 2 million gallons per day (MGD) is about what a 9-hole golf course uses during dry weather.
(About 1/3 of the Cronus' proposed volume.)
- 6.3 million gallons per day (MGD) is what a 240 acre spray-irrigated farm uses.

Would you support or oppose UCSD contracting with these options?