

## LP3 Success Story



*Ole Johnson,  
Destiny Dairy*

Oliver County dairy farmer Ole Johnson is a 2006 winner of the U.S. Environmental Protection Agency's Environmental Stewardship Award and a LP3 Program success story.

"We moved here three years ago from Washington State and bought a dairy farm. We've grown it to 280 milk cows and 200 heifers; and as a result, we needed to expand our waste management system," Johnson says. "We heard about LP3 from an engineering firm in Mandan and from people at the agriculture department and decided to look into it."

Johnson said that working with the North Dakota Department of Agriculture in planning and building the new waste management system for his farm has been an entirely positive experience.

"They're very easy to work with, and they guide you through the entire process from the initial discussions, through the planning, organizing and financing of your project," he says.

Johnson urges all livestock producers to look into LP3.

"As producers, we have a responsibility to be good stewards of the land, and to do this right, you need other people to help you," he says. "LP3 gives you the help to do what you need to do. I highly recommend it."



*Construction phase of Ole Johnson's livestock waste containment system.*

### For more information contact:

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## Livestock Pollution Prevention Program





## North Dakota Livestock Pollution Prevention Program (LP3)

This program, established in 2000, was called the Dairy Pollution Prevention Program (DP3) because it served only dairy producers. The DP3 program helped more than 300 producers with technical and financial assistance to achieve environmental regulation compliance.

Recently, however, this voluntary program was renamed the Livestock Pollution Prevention Program (LP3) to reflect its new mission of assisting all livestock producers in meeting environmental compliance and increasing the productivity and profitability of livestock operations. The program is funded by EPA 319 funds. Producers are reimbursed for 60 percent of their approved expenses.

### Benefits include:

- Environmental compliance.
- Feeding efficiency through bunkline feeding, access roads, and cattle aprons.
- Effective use of manure.
- Improved herd health with higher gains.
- Cost sharing for fencing and water tanks.
- Reduced amount of commercial fertilizer needed.

### LP3 Process:

1. Contact program coordinator and schedule an on-site farm visit.
2. Program coordinator evaluates site and provides environmental management recommendations.
3. Coordinator may assist producer with cost-share contracts, providing funds from LP3, ND Stockmen's Association, 319 Watershed and/or EQIP programs.
4. Cost-share assistance may be available for lagoons, run-off ponds, clean water diversions, lot sloping, fencing, waterers, stacking pads, heavy use cement cattle aprons, piping, manure pumps, and construction of the containment system.

### Livestock Waste Containment System Structural Components



**1) Lots** are sloped to industry standards and provide ample space for the cattle.



**2) Fenceline Feeding System** allows cattle to stay dry, healthy and provides increased gains, which can be cost shared through the LP3 Program.



**3) Access Road** acts as a dike for the lots and is utilized for fenceline feeding.



**4) Clean Water Diversion** reduces runoff and sometimes is the only management practice needed in small operations.



**5) Runoff Evaporation Pond** collects dirty water running off lots and is designed to evaporate a large portion of the incoming water.



**6) Solid Separator** separates solids from lot run-off water and allows dirty water to run into the evaporation pond.

