

Nissin Foods Co. (USA), Inc.



CLIENT

Greenfield Architects
1853 William Penn Way
PO Box 10008
Lancaster, PA 17605-0008

LOCATION
East Hempfield Township
Lancaster County

CONTACT
Al Bevins
Nissin Foods

SERVICES

- Subdivision/Land Development
- Public Approval Process/Permits
- Environmental Analysis
- Design
- Construction Services

SUMMARY/RESULTS

David Miller/Associates, Inc. prepared land development plans for a warehouse addition to the existing Nissin Foods manufacturing facility. These plans included additional loading and parking areas as well as two sub-surface pipe stormwater management facilities.

During construction it was determined that additional parking on other portions of the site was desired. Because the new stormwater management facilities were not designed to accommodate this additional impervious coverage, innovative stormwater controls were developed.

Shallow stone storage beds were designed under the new parking areas. In one parking area, runoff entered the stone storage area via a stone trench extending to the surface at the edge of the parking spaces. The other parking area, which was significantly larger, employed a series of inlets and a perforated distribution pipe to convey runoff into the stone bed. These stone beds allow stormwater to infiltrate, eliminating surface runoff from the new impervious areas.



DM/A
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