

For Office Use Only
 Executive Office of Environmental Affairs
 EOEA No.: 13625
 MEPA Analyst: Beiony Angus
 Phone: 617-626-1029

ENF Environmental Notification Form

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Chang Farms Well Water Withdrawal		
Street: 301 River Road		
Municipality: Town of Whatley	Watershed: Connecticut River	
Universal Transverse Mercator Coordinates:	Latitude: 42 Deg 27' 40" N	
	Longitude: 72 Deg 35' 43" W	
Estimated commencement date: Sept 2005	Estimated completion date: Oct 2005	
Approximate cost: In Place	Status of project design: 100% complete	
Proponent: Sidney Chang		
Street: 301 River Road		
Municipality: Whatley	State: MA	Zip Code: 01093
Name of Contact Person From Whom Copies of this ENF May Be Obtained: J. Mark Krcmarik		
Firm/Agency: The Dennis Group	Street: 1391 Main Street	
Municipality: Springfield	State: MA	Zip Code: 01103
Phone: 413 787 1785	Fax: 413 787 1786	E-mail: krcmarik@dennisgrp.com

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?
 Yes No
- Has this project been filed with MEPA before?
 Yes (EOEA No. _____) No
- Has any project on this site been filed with MEPA before?
 Yes (EOEA No. _____) No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8)) Yes No
 - a Special Review Procedure? (see 301CMR 11.09) Yes No
 - a Waiver of mandatory EIR? (see 301 CMR 11.11) Yes No
 - a Phase I Waiver? (see 301 CMR 11.11) Yes No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres):

Are you requesting coordinated review with any other federal, state, regional, or local agency?
 Yes (Specify US EPA NPDES Permit) No

List Local or Federal Permits and Approvals: MA DEP USEPA NPDES permit for wastewater discharge to Connecticut River.

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- | | | |
|---|---------------------------------------|--|
| <input type="checkbox"/> Land | <input type="checkbox"/> Rare Species | <input type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input checked="" type="checkbox"/> Water | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air | <input type="checkbox"/> Solid & Hazardous Waste |
| <input type="checkbox"/> ACEC | <input type="checkbox"/> Regulations | <input type="checkbox"/> Historical & Archaeological Resources |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
LAND				<input type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input type="checkbox"/> Other Permits (including Legislative Approvals) – Specify:
Total site acreage				
New acres of land altered				
Acres of impervious area				
Square feet of new bordering vegetated wetlands alteration				
Square feet of new other wetland alteration				
Acres of new non-water dependent use of tidelands or waterways				
STRUCTURES				
Gross square footage				
Number of housing units				
Maximum height (in feet)				
TRANSPORTATION				
Vehicle trips per day				
Parking spaces				
WATER/WASTEWATER				
Gallons/day (GPD) of water use	120,000	30,000	150,000	
GPD water withdrawal	120,000	30,000	150,000	
GPD wastewater generation/ treatment	120,000	30,000	150,000	
Length of water/sewer mains (in miles)	N/A	N/A		

CONSERVATION LAND: Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify _____) No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify _____) No

RARE SPECIES: Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify _____) No

HISTORICAL /ARCHAEOLOGICAL RESOURCES: Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify _____) No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify _____) No

AREAS OF CRITICAL ENVIRONMENTAL CONCERN: Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify _____) No

PROJECT DESCRIPTION: The project description should include (a) a description of the project site, (b) a description of both on-site and off-site alternatives and the impacts associated with each alternative, and (c) potential on-site and off-site mitigation measures for each alternative (*You may attach one additional page, if necessary.*)

Chang Farms grows, cleans, packages and distributes fresh bean sprouts to the retail market. The sprouts are grown under controlled conditions in two irrigation rooms. The sprouts are periodically irrigated using well water over 24 hours per day 7 seven days per week. The sprouts are harvested six days per week in the early AM and are cleaned, packaged and shipped by 8AM.

The well water for irrigation is pumped from (12) hand driven wells on the site. These wells pump to a storage tank which in turn supplies the sprout irrigation pumps. The water to wash the sprouts and clean the processing area is pumped from (2) hand driven wells which are used only during the processing of the sprouts.

Purchase of water from either the Town of Whatley and/or the Town of Deerfield was investigated. Neither of these Towns has adequate water supply to serve the water demands of Chang Farms. Also, the cost of purchasing the water would be prohibitive.

Also, as an alternate a deep rock well was drilled but the quantity and quality of the water was not sufficient. This is typical of the underlying very tight, unfractured bedrock in this area.