



# MODIFICATION FORM

FINAL  
Revised 10/1/15

Yakima County Public Services  
128 North Second Street · Fourth Floor Courthouse · Yakima, Washington 98901  
(509) 574-2300 · 1-800 572-7354 · FAX (509) 574-2301 · [www.co.yakima.wa.us](http://www.co.yakima.wa.us)

1. Please describe the development as it currently exists within the attached narrative.
2. Has there been a previous approval from the Planning Division for the current use?  Yes  No  
If yes, please indicate the file number: CUP05-05  
If no, please indicate the year the use was established: \_\_\_\_\_
3. Will Proposed Changes in the Site Design or Building Arrangement (YCC 15.70.030(2)):
  - Yes  No Increase Residential Density (*If allowed by the zoning district*) by more than one unit?
  - Yes  No Increase the amount of required parking by more than 20% or 20 spaces (*whichever is less*)?
  - Yes  No Expand the total square footage of all structures and/or outdoor use areas, excluding parking, by more than 20%?
  - Yes  No Change or modify any condition imposed under any previous official review?
  - Yes  No Significantly reduce the amount or location of required site screening?
  - Yes  No Expand an existing non-conforming use or render a conforming use or structure non-conforming?
  - Yes  No Establish a new use?
  - Yes  No Expand a landfill, mining site/operation, mineral processing or mineral batching activity?
  - Yes  No Comply with the applicable development standards?
  - Yes  No Increase the height of any structures?
  - Yes  No Any demolition of structures exceed 20% of the current area?
  - Yes  No Add a drive-through facility that abuts a residential zone?
  - Yes  No Include hazardous materials as described in Chapter 70.105 RCW?

*If modifying or adding square footage, please answer questions 4 & 5:*
4. What is the current square footage of all structures currently on the property? 191,255

5. What is the total square footage of all proposed additions? 10,830

*If modifying or adding any site screening, please answer questions 6 & 7:*

6. Will any of the existing site screening be removed, modified or relocated as part of this proposal?

Yes  No

If yes please indicate location(s): \_\_\_\_\_

7. Will any site screening be added as part of this proposal?  Yes  No

If yes, please indicate location(s): \_\_\_\_\_

*If modifying or adding any parking areas, please answer questions 8 & 9:*

8. How many parking spaces do you currently have? 12

9. How many additional parking spaces will be generated by this modification? 0

How many parking spaces will be removed by this modification? 0

*If modifying or adding a sign, please answer questions 10 & 11:*

10. Will you be adding or modifying a sign?  Yes  No

If yes, please indicate the location: \_\_\_\_\_

11. What is:

The size of the sign: \_\_\_\_\_

The height of the sign: \_\_\_\_\_

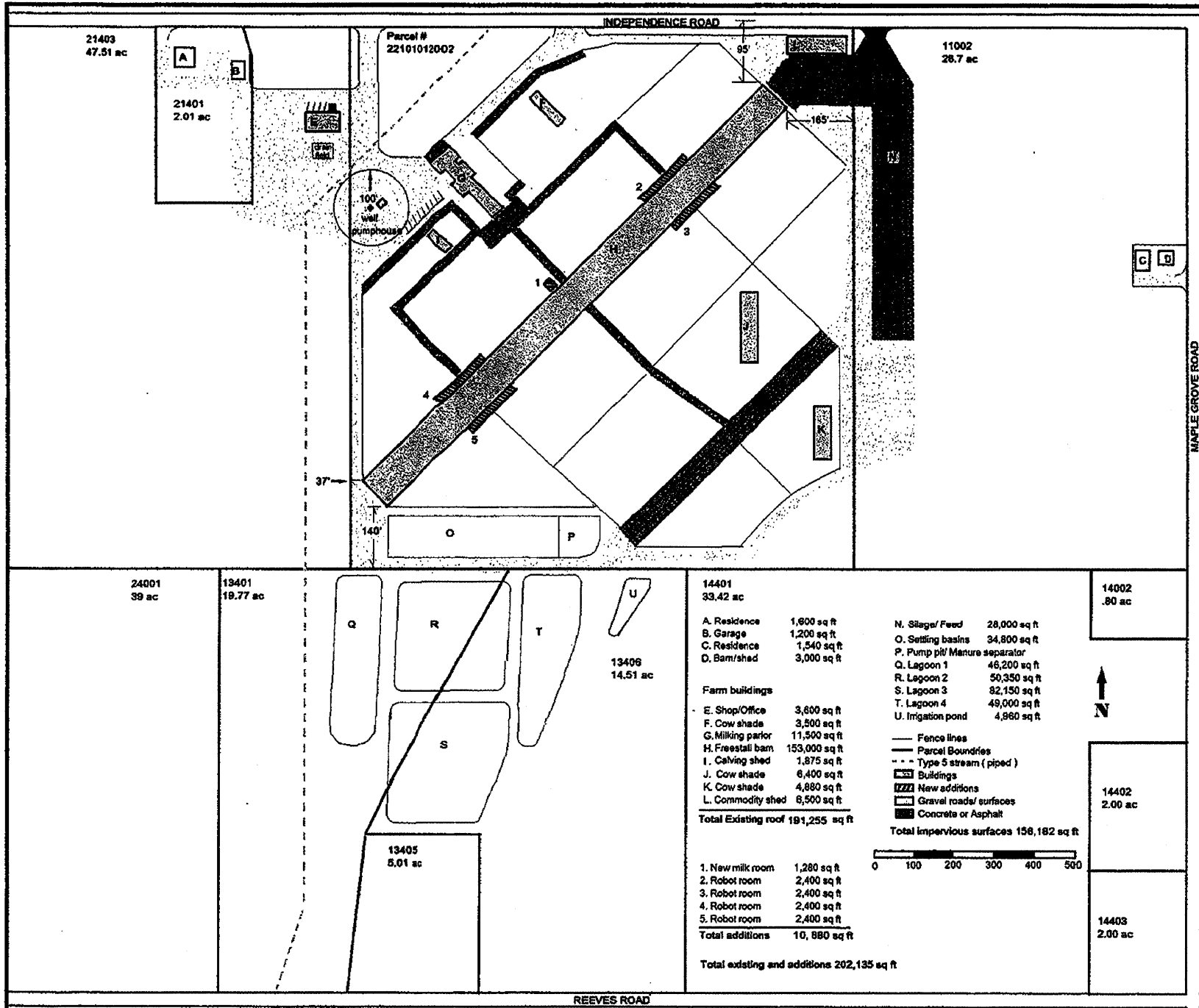
The setback of the sign from the centerline of the street: \_\_\_\_\_

*If the proposal includes the demolition of the existing structures please answer questions 12 & 13:*

12. What is the total square footage of all existing structures on the property? \_\_\_\_\_

13. What is the total square footage of all structures after being demolition? \_\_\_\_\_

A cow shade was taken  
down previously - 6400 sq ft  
(BLD 2017-00364) See  
Site Plan



21403  
47.51 ac

21401  
2.01 ac

Parcel #  
22101012002

11002  
26.7 ac

24001  
39 ac

13401  
19.77 ac

13406  
14.51 ac

14401  
33.42 ac

14002  
.80 ac

13405  
5.01 ac

14402  
2.00 ac

14403  
2.00 ac

- A. Residence 1,900 sq ft
- B. Garage 1,200 sq ft
- C. Residence 1,540 sq ft
- D. Barn/shed 3,000 sq ft

**Farm buildings**

- E. Shop/Office 3,600 sq ft
- F. Cow shade 3,500 sq ft
- G. Milking parlor 11,500 sq ft
- H. Freestall barn 153,000 sq ft
- I. Calving shed 1,875 sq ft
- J. Cow shade 6,400 sq ft
- K. Cow shade 4,880 sq ft
- L. Commodity shed 6,500 sq ft

Total Existing roof 191,255 sq ft

- 1. New milk room 1,280 sq ft
- 2. Robot room 2,400 sq ft
- 3. Robot room 2,400 sq ft
- 4. Robot room 2,400 sq ft
- 5. Robot room 2,400 sq ft

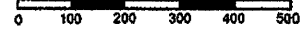
Total additions 10,880 sq ft

Total existing and additions 202,135 sq ft

- N. Slags/ Feed 28,000 sq ft
- O. Settling basins 34,800 sq ft
- P. Pump pit/ Manure separator
- Q. Lagoon 1 46,200 sq ft
- R. Lagoon 2 50,350 sq ft
- S. Lagoon 3 82,150 sq ft
- T. Lagoon 4 49,000 sq ft
- U. Irrigation pond 4,960 sq ft

- Fence lines
- Parcel Boundries
- - - Type 5 stream ( piped )
- ▭ Buildings
- ▨ New additions
- ▩ Gravel roads/ surfaces
- Concrete or Asphalt

Total impervious surfaces 156,182 sq ft

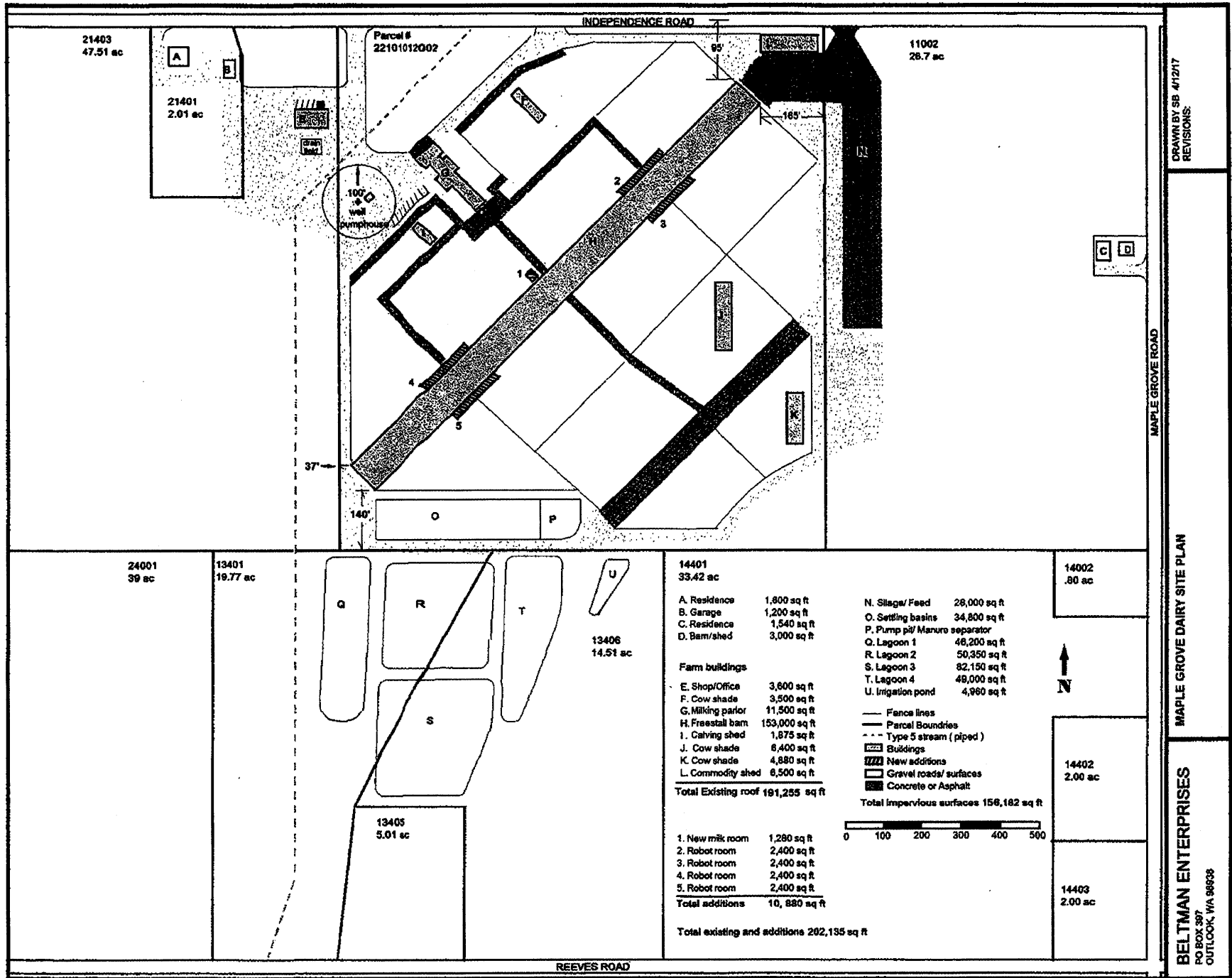


DRAWN BY SB 4/12/17  
REVISIONS:

MAPLE GROVE ROAD

MAPLE GROVE DAIRY SITE PLAN

BELTMAN ENTERPRISES  
PO BOX 897  
OUTLOOK, WA 98938



14401	33.42 ac
A. Residence	1,800 sq ft
B. Garage	1,200 sq ft
C. Residence	1,540 sq ft
D. Barn/shed	3,000 sq ft

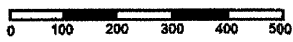
<b>Farm buildings</b>	
E. Shop/Office	3,600 sq ft
F. Cow shade	3,500 sq ft
G. Milking parlor	11,500 sq ft
H. Freestall barn	153,000 sq ft
I. Calving shed	1,875 sq ft
J. Cow shade	6,400 sq ft
K. Cow shade	4,880 sq ft
L. Commodity shed	6,500 sq ft
<b>Total Existing roof</b>	<b>191,255 sq ft</b>

1. New milk room	1,280 sq ft
2. Robot room	2,400 sq ft
3. Robot room	2,400 sq ft
4. Robot room	2,400 sq ft
5. Robot room	2,400 sq ft
<b>Total additions</b>	<b>10,880 sq ft</b>

**Total existing and additions 202,135 sq ft**

N. Slags/ Feed	28,000 sq ft
O. Settling basins	34,800 sq ft
P. Pump pit/ Manure separator	
Q. Lagoon 1	46,200 sq ft
R. Lagoon 2	50,350 sq ft
S. Lagoon 3	82,150 sq ft
T. Lagoon 4	49,000 sq ft
U. Irrigation pond	4,960 sq ft

**Total Impervious surfaces 156,162 sq ft**



DRAWN BY SB 4/12/17  
REVISIONS:

MAPLE GROVE DAIRY SITE PLAN

**BELTMAN ENTERPRISES**  
PO BOX 397  
OUTLOOK, WA 98038

**Maple Grove Dairy  
Capital Improvements 2017  
SEPA Modification Narrative**

**Prepared by: Beltman Construction**

**Revised-June 21, 2017**

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**ATTENTION**

Dairies and Feedlots are subject to the following RCW regarding sharing of information. If you are providing information to a member of the public make sure you are in compliance.

RCW42.56.610 - Certain information from dairies and feedlots limited-rules.

The following information plans, records, and reports obtained by state and local agencies from dairies, animal feeding operations, and concentrated animal feeding operations, not required to apply for a national pollutant discharge elimination system permit is disclosable only in ranges that provide meaningful information to the public while ensuring confidentiality of business information regarding: (1) Number of animals; (2) volume of livestock nutrients generated; (3) number of acres covered by the plan or used for land application of livestock nutrients; (4) livestock nutrients transferred to other persons; (5) crop yields. The department of agriculture shall adopt rules to implement this section in consultation with affected state and local agencies.

[2005 c 510 § 5. Formerly REC 42.17.31923.]

## Maple Grove Dairy Capital Improvements 2017

### INTRODUCTION

The Maple Grove Dairy is owned by Maple Grove Dairy LLC. Maple Grove Dairy LLC operates an animal feeding operation. The Maple Grove Dairy LLC is located on 210 acres of land at the south side of Independence road between Fordyce road on the west, and Maple Grove road on the East. The main operation is on parcel # 22101012002. The parcel # 22101011002 contains the silage and feed storage area, and parcels # 22101013406 and # 22101013401 to the south contain the dairy's storage lagoons. Parcel #22101021403 to the west contains the dairy's office and shop. Parcel #22101021401 is the residence on the property and the following parcels are farm ground that is owned by the dairy. #22101023402, #22101024001, and 22101014401.

The Maple Grove Dairy has been in operation for 26 years. It is a family run business consisting of a partnership of John, Jeff and Brian Bosma. It contains enough animals to be considered as a Concentrated Animal Feeding Operation (CAFO). [REDACTED]

This submittal documents practices of Maple Grove Dairy and updates the previous SEPA application of SEPA 2005-005 and CUP 2005-0005.

In the SEPA application 2005-005, it was described to have a phase 1 Cow shade building of approximately 5124 sq. ft. built and then a phase 2 of another 5124 sq ft building built. The phase 1 shade was built with a total sq. ft. of 5,040 sq. ft. ( 120' long x 42' wide)

At this point, the owners have decided that they no plans of doing the phase 2 project. Under the determination of non-significance from the original SEPA, 10,248 sq. ft. of roof space was approved, but only 5,040 sq ft. was ever built. Also a 6,400 sq ft cow shade was taken down ( BLD2017-00384) that will no longer be needed with the new robotic system. Under this modification an additional total of 10,880 sq. ft. of roof space will be added, with 5 various building additions to the freestall barn. No additional paved areas are planned in this improvement.

### **THIS PROJECT IS NOT AN EXPANSION AND DOES NOT ADD MORE ANIMALS TO THE FACILITY**

The milking parlor 25+ years old and is not efficient for a modern dairy to operate. Due to the expense of building a new milking parlor, and to keep up with advancing technology, the owners have decided to install a robotic milking system on the existing freestall barn. This has been proven to be a much more efficient way as the cows are no longer having to go to the milking parlor to get milked, creating much less stress on the cows, while also eliminating any human error factors of milk from sick or treated cows entering the food chain.



The Dairy Nutrient Management Plan (DNMP) approved by the Soil Conservation Service is the governing document regarding management of the herd size on this site.

## **AUTHORIZATIONS**

This section discusses regulatory authorizations for Maple Grove Dairy to exist and operate as a Dairy. Independent verification of these authorizations is left to the reviewer.

### Water Source

Dairies have exempt water rights for stock watering. Maple Grove Dairy does however carry water rights for livestock use with 2 DOE permits. G-30236P and G-30241P which allows for 141 acre ft. of water for a continuous withdrawal of 125,800 gallons per day

### Milk Producer Licenses

Maple Grove Dairy is licensed as a Milk Producer by the Washington Department of Agriculture, Food Safety and Animal Health Division under license #9908

### Dairy Nutrient Management Plan

The dairy manages manure waste in accordance with an approved Dairy Nutrient Management Plan (DNMP). The DNMP was prepared by the South Yakima Conservation District and most recently revised in February 2015 by the current owners

The DNMP is a confidential document protected from the general public dissemination by RCW42.56.610, Certain information from dairies and feedlots limited-rules.

The DNMP is based on the number of animal units on the dairy and accounts for meteorology, soil conditions, and farming practices at the time the DNMP was prepared. Language in the DNMP required that it be amended if the total animal units exceed 110% of the animal units when the DNMP was prepared.

The DNMP describes manure quantities, lagoon storage requirements, and field application methods at agronomic rates. Total waste quantities are calculated based on the following factors: herd size, cow wash water volume, and storm water runoff including runoff from a 24-hour, 25- year storm event.

The DNMP includes a listing of land areas designated for application of solid and liquid manure at agronomic rates.

## **OPERATIONS**

### Open Corrals with Shades

Maple Grove Dairy is equipped with residence corrals with cow shades. About 30% of the milking herd as well as the dry cows are in these corrals. With resident corrals, cows wander freely within the corrals. Manure and urine is distributed throughout the corrals where it can dry. Concentrated accumulations of animal waste at the feeding alley/lockouts are scraped into a large concrete pit. From there it is pumped into a manure and water separator where the manure is stacked onto an asphalt stacking slab and the water is directed into the holding lagoon.

The cows spend most of their time either under the cow shade or eating at the feeding lockups. The feeding alleys receive most of the manure and urine from the dairy cows. These feeding alleys are sloped downward at a 1.5% grade to allow easier scraping.

In the open corrals manure is deposited throughout the corral area. Most of the year, manure and urine deposited in the corrals will dry without additional intervention. Accumulated dried manure is scrapped into piles and removed with loaders and trucks, and shipped to a composting yard.

### Freestall barn

Maple Grove Dairy is also equipped with a freestall barn that was built during the phase 1 of the project. About 70 % of the milking herd is housed inside of the freestall barn. With a freestall barn, cows eat or stand on concrete alleys and lay in groomed beds within the building. The beds are groomed with dry matter added daily to provide a comfortable place for cows to lay.

Manure is daily cleaned up with a truck equipped with a vacuum system that sucks up manure in the alleys and can be directly sent to a composting yard. Liquid waste is collected in the building's drainage system and is collected into the waste water pond where it is pumped through the manure and water separator and processed through the waste water system.

### Milking Parlor

Cows in the resident corrals will continue to be milked in the milking parlor after the dairy improvements are made.

Maple Grove Dairy has a double 30 herring bone parlor style. It is a steel and concrete building. The parlor holding pen can handle resident herd units of about 300 cows.

The herring bone style parlors have milking stalls angles about 30 degrees giving a fish skeleton appearance from the top view. A double 30 will have 60 milking stalls

During the milking cycle, cows ready for milking move from their resident corral to a holding corral at the parlor via paved transit alleys. A group of cows adequate to fill the available milking stalls enter a transit alley leading the cows to one of the individual milking stalls. When the group of cows is positioned, gates close confining the cows with utters accessible to workmen on the milking platform. After proper cleaning and milking, gates open allowing the cows to transit to a holding corral for later return to their resident corral.

The parlor operates in three shifts, seven days per week to consistently milk three times daily. Milk is shipped to processors by truck. Milk is picked up according to a shipping schedule.

Waste water from parlor wash down and storm water is collected and piped by gravity or pumped to the waste water treatment and storage facilities on the dairy

#### Manure and Wastewater Management

In 2013, the owners decided to line all of the existing storage ponds and lagoons on the dairy with a HDPE lining system. This work was completed in 2013-14. Attached are the specs on the lining system used on the dairy.

The manure and wastewater management system, as described in the prior CUPs and regulated under the Washington Dairy Nutrient Management Act, RCW 90.64, and the Dairy's DNMP, will not change as part of these improvements.

The design used criteria for a 25 year storm event. Storm water is treated as waste water and is later dispersed on growing crops

#### **EMPLOYEES AND EMPLOYEE TRAINING**

Maple Grove Dairy is a 24 hour operation that employs 19 people in 2 shifts of 6 and a shift of 7 during the day shift. These improvements will not change the number of employees.

Employees receive training appropriate to their assigned tasks. Employees involved in manure and wastewater management are trained in the relevant procedures and requirements of the Dairy Nutrient Management Plan.

All employees are trained to correct or notify management if they observe conditions requiring corrective action. Areas emphasized in training include storm water management controls, manure and wastewater management controls, fly control, noise control, vehicle track-out prevention, work place safety, and spill prevention control and countermeasures plan.

## **CAPITAL IMPROVEMENTS 2017**

### Robotic milking system

Robotic milking systems are a relatively new concept of milking cows in the Yakima Valley, but have been in use in some of the eastern states and Europe for several years. The advantages to this are huge in the fact that the cows will no longer have to be milked in the milking parlor, and are given free choice as to when they want to be milked. This will eliminate stress on the cows, as they no longer will be brought to the milking parlor to be milked or stand in a holding pen waiting to be milked.

Under the robotic system, cows enter the stall and it is recognized via an ear tag as to which cow it is. The robot then washes the udder and cleans and sanitizes it, then proceeds to milk the cow. If a cow is sick, the software recognizes it and immediately reroutes the milk into a holding tank and is not allowed to enter the main milk supply. It then notifies the owner or manager via smartphone of a problem with the cow. The cow is then directed into a catch pen for treatment.

The existing freestall as which is typical of all freestall barns and cow shades have a 14' eave height to allow air flow into the building. This particular freestall barn has 8 individual groups of 160 cows. On the site plan, additions 2,3,5, and 6 will be lean-to structures built off to the side of the building allowing access for each of 2 groups. These will be 16 ft wide by 150' long. ( 2,400 sq ft each ) These will each house 4 robotic milking machines with room to allow cows to freely walk around to go to and from the robotic milking machines. In addition # 1 on the site plan, a 40 x 32 ( 1,280 sq. ft.) addition will be built. This will be where the milk tanks are located with an appropriate milk room and equipment room. This will be the pick-up point for the milk.

All of these additions will be tied in to the existing water supply on the dairy for various uses with the equipment. Wastewater or storm water will be directed into the buildings drainage system where it will be processed through the dairy's waste water system. It is anticipated that the overall water usage will drop with this system vs milking the cows conventionally in the milking parlor.



# SEPA ENVIRONMENTAL CHECKLIST

Public Services ( )

Form # PLN ENR 003-SS  
Approved 4/2017

## SUBMITTAL SUPPLEMENTAL

Veron Gay Don Lynn  
Harold Lisa Carmen

Yakima County Public Services  
128 North Second Street · Fourth Floor Courthouse · Yakima, Washington 98901  
(509) 574-2300 · 1-800 572-7354 · FAX (509) 574-2301 · www.co.yakima.wa.us

### WAC 197-11-960 Environmental checklist.

#### Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

(For Staff Use Only)

DATE: 4/14/17

REVIEWED BY: DSK

PROJECT #: PRJ17-320

CASE #: SEP17-014

RELATED FILES:  
CUP 17-040, CUP 05-005

#### Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

#### Use of checklist for nonproject proposals:

For nonproject proposals complete this checklist and the supplemental sheet for nonproject actions (Part D). The lead agency may exclude any question for the environmental elements (Part B) which they determine do not contribute meaningfully to the analysis of the proposal.

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

**A. BACKGROUND**

STAFF USE ONLY

1. Name of proposed project, if applicable:

Maple Grove Dairy Capital Improvements

2. Name of applicant:

John, Jeff, Brian Bosma

3. Address and phone number of applicant and contact person:

Stan Beltman, Beltman Enterprises  
509-830-8872

4. Date checklist prepared:

4/10/17

5. Agency requesting checklist:

Yakima County Planning

6. Proposed timing or schedule (including phasing, if applicable):

Summer 2017

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

none

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

none

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

no

10. List any government approvals or permits that will be needed for your proposal, if known.

Building, electrical Permits

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

We will be building room additions to the freestall barn on the dairy for a robotic milking system

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

3610 Independence Rd  
Sunnyside, WA 98944.  
SW corner Independence and Maple Grove Roads

#### B. ENVIRONMENTAL ELEMENTS

##### 1. Earth

a. General description of the site (circle one): Flat rolling, hilly, steep slopes, mountainous, other.....

b. What is the steepest slope on the site (approximate percent slope)?

Property Slopes 1.6% to the South

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Warden Silt loam

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

None

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

footings for building additions only

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

no

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

3.5%

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

All additions will be piped and guttered to buildings drainage system

2. Air

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

none

b. Are there any offsite sources of emissions or odor that may affect your proposal? If so, generally describe.

no

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

N/A

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

no

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

no

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

N/A

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

N/A

5) Does the proposal lie within a 100-year flood plain? If so, note location on the site plan.

no



6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

no

b. Ground:

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well? Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

See Site plan and narrative

No water will be discharged to ground water

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

Water will be collected into the building's drain system and processed in the dam's waste system and stored.

2) Could waste materials enter ground or surface waters? If so, generally describe.

no

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

no

d. Proposed measures to reduce or control surface, ground, runoff water, and drainage pattern impacts, if any:

All collection Ponds and Storage Lagoons were lined with HDPE liners in 2013-14 to eliminate any risk

4. Plants

a. Check the types of vegetation found on the site:

— Deciduous tree: Alder, maple, aspen, other

STAFF USE ONLY

- Evergreen tree: Fir, cedar, pine, other
- Shrubs
- Grass
- Pasture
- Crop or grain
- Orchards, vineyards or other permanent crops.
- Wet soil plants: Cattail, buttercup, bullrush, skunk cabbage, other
- Water plants: Water lily, eelgrass, milfoil, other
- Other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

none

c. List threatened and endangered species known to be on or near the site.

none

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

none

e. List all noxious weeds and invasive species known to be on or near the site.

Dairy is surrounded by farmland with crops. Kosha and Tumbleweeds are controlled as needed

5. Animals

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include:

Birds: Hawk, heron, eagle, songbirds, other:

Mammals: Deer, bear, elk, beaver, other: none

Fish: Bass, salmon, trout, herring, shellfish, other: N/A

b. List any threatened and endangered species known to be on or near the site.

none

c. Is the site part of a migration route? If so, explain.

no

d. Proposed measures to preserve or enhance wildlife, if any:

none

e. List any invasive animal species known to be on or near the site.

none

**6. Energy and natural resources**

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

electric only to run equipment

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

no

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

none

**7. Environmental health**

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste that could occur as a result of this proposal? If so, describe.

no

1) Describe any known or possible contamination at the site from present or past uses.

none

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

none

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

none

4) Describe special emergency services that might be required.

none

5) Proposed measures to reduce or control environmental health hazards, if any:

none

**b. Noise**

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

Trucks, Tractors and usual equipment  
found on dairies. Will have no affect.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)?

Indicate what hours noise would come from the site.

Construction equipment during Construction  
7-5 M-F

3) Proposed measures to reduce or control noise impacts, if any:

none needed

**8. Land and shoreline use**

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

Existing Dairy Farm Surrounded  
by crop land.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No farmland will be affected

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

no

c. Describe any structures on the site.

Milking barn, cow shades, Freestall  
barn, Shop. 2 houses.

d. Will any structures be demolished? If so, what?

no

e. What is the current zoning classification of the site?

Ag

f. What is the current comprehensive plan designation of the site?

Ag resource

g. If applicable, what is the current shoreline master program designation of the site?

N/A

h. Has any part of the site been classified critical area by the city or county? If so, specify.

Typed 5 Stream on West side of property. Pipel in another era.

i. Approximately how many people would reside or work in the completed project?

Currently 19 employees which will not change

j. Approximately how many people would the completed project displace?

none

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

Existing Dairy in Ag Zone  
no changes

m. Proposed measures to ensure the proposal is compatible with nearby agricultural and forest lands of long-term commercial significance, if any:

Existing Dairy in Ag Zone  
no affect anticipated

9. Housing

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

c. Proposed measures to reduce or control housing impacts, if any:

N/A

10. Aesthetics

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

14' Steel Structures added to existing Steel Structure

b. What views in the immediate vicinity would be altered or obstructed?

none

c. Proposed measures to reduce or control aesthetic impacts, if any:

*none*

**11. Light and glare**

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

*none*

b. Could light or glare from the finished project be a safety hazard or interfere with views?

*no*

c. What existing offsite sources of light or glare may affect your proposal?

*none*

d. Proposed measures to reduce or control light and glare impacts, if any:

*none*

**12. Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity?

*none*

b. Would the proposed project displace any existing recreational uses? If so, describe.

*no*

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

*none*

**13. Historic and cultural preservation**

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers located on or near the site? If so, specifically describe.

*no*

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation. This may include human burials or old cemeteries. Is there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

*no*

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the

department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

N/A

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

N/A

14. Transportation

a. Identify public streets and highways serving the site or affected geographic area, and describe proposed access to the existing street system. Show on site plans, if any.

Property is on SW corner of Independence road and Maple Grove road

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

no. Nearest transit is in Sunnyside 4 miles away

c. How many additional parking spaces would the completed project or nonproject proposal have? How many would the project or proposal eliminate?

11 + 1 Handicap 12 total will not change

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

no

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

no

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

3 shifts of employees day 7, night 6 graveyard 2-3 deliveries per day. no changes

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

no

h. Proposed measures to reduce or control transportation impacts, if any:

none

STAFF USE ONLY

15. Public services

a. Would the project result in an increased need for public services (for example: Fire protection, police protection, public transit health care, schools, other)? If so, generally describe.

NO

b. Proposed measures to reduce or control direct impacts on public services, if any.

N/A

16. Utilities

a. Circle utilities currently available at the site: Electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

Electricity Provided by Pacific Power

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: [Handwritten Signature]

Date Submitted: 4/10/17

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**D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS**

(do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Will not change. overall water usage will decline

Proposed measures to avoid or reduce such increases are:

no increases

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

none

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

N/A

3. How would the proposal be likely to deplete energy or natural resources?

none

Proposed measures to protect or conserve energy and natural resources are:

none

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, flood plains, or prime farmlands?

none

Proposed measures to protect such resources or to avoid or reduce impacts are:

none

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

N/A

Proposed measures to avoid or reduce shoreline and land use impacts are:

N/A

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

N/A

Proposed measures to reduce or respond to such demand(s) are:

N/A

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

No Conflict. Project will not  
cause any environmental impacts.