2008-072

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

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.

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:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

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

1. Name of proposed project, if applicable: *Routine maintenance and operations at WDFW finfish hatcheries and rearing ponds.*

2. Name of applicant: *Washington Department of Fish and Wildlife/Fish Program/Hatcheries Division*

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

Washington Department of Fish and Wildlife

Fish Program/Hatcheries Division

600 Capitol Way N

Olympia WA 98501-1091

360-902-2700

Contact:

Hal Michael

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360-902-2659

4. Date checklist prepared:
25 August 2008

5. Agency requesting checklist: *WDFW*

6. Proposed timing or schedule (including phasing, if applicable): *1 October 2008 and into the future so long as the procedures and activities remain the same.*

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. *The Hatchery Scientific Review Group (HSRG) has made a number of recommendations in hatchery operation that may result in changes to a specific facility's purpose, program, or operation. Such changes may result in new construction (diversions, traps, intakes, outfall, pollution abatement) that may change the temporal and spatial needs for maintenance. Maintenance and operation of structures installed following the initial of this permit will be designed to meet or exceed conditions in the permit. The current and future status of funding may result in changes in the operation of specific facilities, including closure, consolidation, or expansion of program.*

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
Previous SEPA checklists for earlier iterations of the General Permits, the permit itself, and annual reports required by the permit. All such documents available in WDFW Habitat Program files or archives.

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. Requirements will vary by facility and jurisdiction. *At its broadest, Corps Permits, Shorelines permits, Floodplain permits, DNR permit, and Department of ecology water Quality variance may be required.*

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.)

Facilities will be operated and maintained under the following general patterns of activity:

Each facility will develop a generalized plan that will outline the timespan when the various projects are normally done. The plan will include, for example, estimates of annual volume of materials removed, disposal sites, numbers of fish trapped, species normally encountered, etc.

SEDIMENT REMOVAL

Sediment removal will be limited to that required to maintain operational integrity and function of water supply intakes, hatchery outfalls, fish ladders, and traps and to maintain a continuous migration path for fish moving through the project area. That is, the up or downstream end of the project will maintain a channelized flow of sufficient depth to allow fish passage. Removal of sediment from areas where fish life exists shall occur only during the allowable work windows except as necessary to maintain the immediate operational integrity of the intake, outfall, trap, dam, or diversion, or to maintain continuous fish passage thorough the site. Sediment removal in areas that have no fish life may occur at any time on intakes or outfalls provided no sediment impacts downstream areas with fish life. Consideration should be given to the presence of amphibians, particularly larvae, or nesting riparian zone birds when conducting operations in these non-fish bearing areas. Sediment removal operations shall not extend more than 100' from the structure to be maintained. Every effort shall be made to keep this distance as minimal as possible. Routine sediment removal required beyond 100 feet will be document in the Plan and will occur only when necessary to maintain continuous access for migration fish. The amount of sediment removed will be held to the minimum necessary to maintain the function of the facility, to ensure that further removal will not be necessary during fish spawning, intra-gravel development, or out-migration, and will maintain continuous fish passage through the site.

Some of the facilities have a "Tanner Gate", designed and operated to reduce the buildup of material in the intake. The Tanner Gate shall be operated at all times in a manner that will minimize the buildup of material in

the intake. This may require frequent (possibly hourly) inspections, adjustments, and sediment removal during fluctuating stream flows. Operation of the Tanner Gate and removal of sediment from the sump-hole, within the specific areas identified in the plan, can occur at any time when flows are sufficient to move sediment through the gate and into the sump.

Removal of sediment will be done with in the dry whenever feasible. Work shall occur with equipment operating from the top of the bank, dry gravel bar area, or a work platform as described in the SRP. The drive mechanism of the equipment shall not enter or be operated within the wetted perimeter. Removal of sediment shall be conducted in a manner that will minimize turbidity. During excavation, each pass with the bucket shall be complete. Sediment shall not be stockpiled in the water to create full buckets. Machinery used in sediment removal will gain access for work on roadway structures or at established fords only. Equipment crossings at established fords shall be kept to the minimum necessary to accomplish the project.

All sediment removed shall be disposed of at an approved upland site as defined in the SRP. Sediment shall be disposed of in a manner in a manner that will prevent it from re-entering state waters. If de-watering is required, the sediment shall be disposed of in a manner that will prevent unfiltered run-off water from entering state waters.

DEBRIS REMOVAL OR RELOCATION (LARGE AND SMALL WOODY MATERIAL, ORGANIC, AND INORGANIC DEBRIS)

Large woody material imbedded in the streambed or stream bank prior to a flood event shall be left undisturbed and intact. Removal of pre-flood imbedded debris shall require separate, written HPA. The Complex Manager and the local Area Habitat Biologist will jointly identify this "prior condition" material. This will be done so that material imbedded within flood-deposited streambed materials can be removed IF that material threatens the operation integrity of the facility or interferes with natural fish passage.

In order to deflect floating material away from structures, and into a convenient collection location, floating shear logs may be used. These floating shear logs shall be anchored in a manner that will provide maximum protection from debris accumulation. The specific removal methods, including timing and disposal, for accumulated diverted debris, will be covered in the operation plan for the facility.

Non-embedded small woody material, organic, and inorganic debris will be passed on downstream if the streamflow is sufficient to do so. Material that cannot be allowed to continue its downstream movement will be removed and disposed of per the facility plan. Large woody material will be stockpiled for use in future habitat enhancement projects or shall be returned to the stream downstream of the facility location.

Dead animals collected on traps, weirs, pickets, or dams shall either be passed downstream or buried in an appropriate landfill. Wild animals shall be reported to the Area Wildlife Biologist. Dead domestic animals will be reported to the owner (if possible) or to the local law enforcement agency. With prior arrangements, animals can be held for sampling.

TEMPORARY FISH TRAPPING, RACK INSTALLATION, AND REMOVAL

Installation of racks includes the purely temporary (installed and removed each year with no permanent structure in the streambed) and those racks/traps where some portion of the structure (sill, trap box) is permanently installed in the streambed or bank. The operational time frames for the individual trapping facilities will be determined by the egg-take goals set in the Future Brood Document and application of the Hatcheries Division Spawning Guidelines. Copies of these documents shall be made available to the AHB upon

request. The amount of time each rack and trap is in the stream shall be held to the minimum necessary to collect the program's eggs. The rack will be installed just prior to the anticipated arrival of the target stock adults and will be removed in its entirety immediately upon completion of the trapping operation. Mechanized equipment use within the stream will be held to the level necessary to properly install, set, and remove the rack. If it is necessary to place gravel along the bottom of the rack, it may be obtained from a bar in the immediate vicinity. Placement of gravel will be held to the necessary to ensure the ability of the rack to function properly. The area from which gravel is taken for placement along the bottom of the rack shall be above the existing water level and free of pits or potholes when finished. The rack will be operated in a manner that will allow continuous streamflow through the area without creating a significant backwater curve. Adequate personnel and equipment shall be available at the site at all times to ensure proper maintenance and to take necessary action should an emergency occur. A temporary rack will be anchored to a structure on one bank to allow it to swing if a washout occurs. If a washout occurs, the rack will immediately be removed or reinstalled to prevent further damage to the streambed, stream bank, or facility. Rack installation and removal will be done in a manner that minimizes disturbance of the streambed.

INSTREAM ADULT HOLDING AND/OR TRAPPING POND MAINTENANCE
An instream pond will be cleaned on an annual basis by sluicing material downstream, provided there is less than one-half cubic yard of material and downstream spawning areas can be protected from sediment impacts. Sluicing shall occur only during higher stream flows or when sediment traps constructed as follows are installed downstream:
a. At least three (3) sediment control structures shall be placed downstream of the project. These structures shall consist of laying filter fabric on the streambed and creating a sandbag dam on the downstream edge of the filter fabric.
b. The sandbag dam shall be just high enough to create a backwater curve over the length of filter fabric.
c. The sediment control structures shall be removed from the stream within two days of completion of the sluicing operation. All material settled out, all the sandbags, and the filter fabric shall be completely removed and disposed of in a manner that will prevent re-entry to state waters.

Sluicing of more than one-half cubic yard of material requires a separate, written HPA.

VEGETATION MANAGEMENT
Each facility will maintain a vegetation management plan as previously required. The plan will be reviewed annually and updated as necessary. The plan will deal with the management of vegetation on the bankline that will provide natural shade and cover for the wetted perimeter of state waters within WDFW property ownership. The selection of species and density of planting shall be dependent upon the location of the facility, the maintenance activity if any, and the relationship of the waterbody to the facility. The species shall be compatible with the function of the facility. For example, deciduous trees should not be planted upstream of an intake that will become difficult to operate as a result of leaf drop. The use of native vegetation will be emphasized. Similarly, non-native vegetation, particularly invasive species or ecologically undesirable species will be controlled or eliminated per the plan. If the facility is in an urban setting, a more formal landscaping plan using native species may be more desirable. The plan will include pruning and other plant maintenance activities to ensure that a balance between good, functional habitat and bankline stability is maintained. If vegetation is removed or damaged as a result of facility maintenance or an upgrade project, re-establishment of vegetation shall occur as soon as the weather permits, but no more than six months after the removal or damage. Vegetation shall be artificially (watering, weeding) maintained as necessary for three (3) years to ensure at least 80 percent survival.

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.

This SEPA applies to any and all finfish hatcheries and rearing facilities owned or operated by WDFW. See attached list of the facilities currently owned or operated. Should WDFW acquire or develop a finfish operation at a new location, the maintenance activities described in this SEPA will apply there. Facilities are located statewide with a concentration in western Washington,

B. ENVIRONMENTAL ELEMENTS

1. **Earth**

General description of the site (circle one): ***Flat, rolling, hilly, steep slopes, mountainous, other***. *Facilities located statewide in a variety of situations. All are located with the riparian zone*

a. What is the steepest slope on the site (approximate percent slope)? *Approx 100% although most of the active maintenance activates will be carried out in stream channels with a gradient of 1-2%.*

b. 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 prime farmland. *Flood deposited stream materials. Reasonably well sorted gravels and silts, depending on the location within the watershed.*

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

No

d. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

No filling. The only grading will be at the conclusion of a gravel-removal project and the purpose will be to level the bottom of the stream to remove potholes developed during excavation.

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

No. Maintenance is conducted because of erosion. The Vegetation Plans developed for each site is designed to reduce overall site erosions, even beyond the external limits of any one activity.

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

g. Proposed measures to reduce or control erosion, or other impacts to the earth, if any: *Conduct sediment removal, as much as is practical, in the dry, working in areas physically isolated from flowing waters.*

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Vehicle exhaust, carbon dioxide, and methane. In all cases amounts will be relatively small due to short-term nature of projects.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe. *N/A*

c. Proposed measures to reduce or control emissions or other impacts to air, if any: *Keep vehicles in a good state of tune.*

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. *See attached sheet*

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. *All work will occur within wetted perimeter of streams or within 200' of stream.*

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. *No fill will be imported. Material to be dredged will only be flood-deposited sediments that accumulate on top of the natural stream be. In the case of the Tanner gate operation, a sump will be dug downstream of the gate, removing approximately 20 cubic yards of native material. During freshet, material moving down the channel will collect in the sump and be removed. Total amount of material removed will be 100 cubic yards or less.*

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 floodplain? If so, note location on the site plan. *Entire project is located within 100-year floodplain.*

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. Project removes materials from waters.

b. Ground:

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. *N/A*

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 stormwater):

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. *No runoff will be generated. Excavation within the wetted perimeter will suspend fine sediments. Excavation ware will be isolated to the extent possible to prevent fine sediment from moving downstream out of the work site.*

2) Could waste materials enter ground or surface waters? If so, generally describe. Suspended sediment may be transported downstream. *No*

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any: *Design projects so as to confine and separate excavation areas from flowing water. BMPs for streamside and in stream work as defined by WDFW.*

4. **Plants**

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

X_____ deciduous tree: alder, maple, aspen, other

X_____ evergreen tree: fir, cedar, pine, other

X_____ shrubs

X_____ grass

_____ Pasture

_____ Crop or grain

X_____ wet soil plants: cattail, buttercup, bulrush, skunk cabbage, other

X_____ water plants: water lily, eelgrass, milfoil, other

_____ Other types of vegetation

Since the project occurs statewide, most of the plants commonly occurring at disturbed/industrialized sites will be present.

b. What kind and amount of vegetation will be removed or altered? *Vegetation will be managed per the site-specific vegetation management plans mandated by the HPA. It is anticipated that while there may be pruning of existing vegetation that the only removal of vegetation would be for designated "Danger Trees". The vegetation management plan will require a facility-wide plan that seeks to manage vegetation for ecological benefit.*

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

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any: *Covered in specific vegetation management plan*

5. **Animals**

a. Circle any birds and animals that have been observed on or near the site or are known to be on or near the site:

Birds: hawk, heron, eagle, songbirds, other:
Mammals: deer, bear, elk, beaver, other:
Fish: bass, salmon, trout, herring, shellfish, other:

Most animal species associated with streams or freshwater riparian areas may be expected to occur at one or more facilities covered.

d. List any threatened or endangered species known to be on or near the site. *Bald Eagle, Marbled Murrelet, Grizzly Bear, Chinook salmon, steelhead trout, bull trout.*

c. Is the site part of a migration route? If so, explain. *Yes. Streams and riparian corridors can and do serve as migration routes for water-associated species.*

d. Proposed measures to preserve or enhance wildlife, if any: *Operation of hatcheries is mitigation for societal choices that have destroyed salmonid ecosystems. As such, the fish that are produced serve as mitigation.*

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. *N/A*

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. *N/A*

1) Describe special emergency services that might be required. *N/A*

2) Proposed measures to reduce or control environmental health hazards, if any: *N/A*

b. **Noise**

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

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 noise. Except in cases of emergency during flooding the equipment will be operated only during WDFW Core Business Hours.*

3) Proposed measures to reduce or control noise impacts, if any: *Ensure that equipment has properly functioning mufflers.*

8. **Land and shoreline use**

a. What is the current use of the site and adjacent properties? *Sites are operating upland finfish hatcheries, rearing ponds, and fish collection racks. Each facility is unique but share common needs. There will be some sort of water collection and transport infrastructure, some sort of fish capture/fish passage/fish exclusion infrastructure, fish hatching and incubation structures, and fish rearing structures that may include ponds and raceways. In addition, there may be streambank stabilization structures in place to protect structures. Adjacent property use varies with location. Use varies from wilderness area on to highly developed urban area with almost every possibility in-between.*

b. Has the site been used for agriculture? If so, describe. Not since the installation of the specific hatchery facility. *It is likely that at least some locations were used for agricultural activities in the decades prior to hatchery construction.*

c. Describe any structures on the site. Operational hatchery structures vary with location. *Generally include office, indoor incubation and rearing, construction and maintenance shop, and housing.*

d. Will any structures be demolished? If so, what? *N/A. Project is maintenance and operation.*

e. What is the current zoning classification of the site? *Varies with site.*

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

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

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify. See attached sheets.

i. Approximately how many people would reside or work in the completed project? *Varies with facility, up to 10) at height of busy season at selected faculties.*

j. Approximately how many people would the completed project displace? *Approximately 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: *Public review and comment.*

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? *Temporary racks may be up to six feet high. Made of wood.*

b. What views in the immediate vicinity would be altered or obstructed? *Rack will obscure view of water surface*

c. Proposed measures to reduce or control aesthetic impacts, if any: *N/A*

11. **Light and glare**

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

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

c. What existing off-site sources of light or glare may affect your proposal?
N/A

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

12. **Recreation**

a. What designated and informal recreational opportunities are in the immediate vicinity? *Facility visits, fishing, nature watching, river rafting*

b. Would the proposed project displace any existing recreational uses? If so, describe. *In those specific instances where a temporary rack is installed, it will interfere with waterborne travel.*

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any: *Signage directing users to portages around the rack.*

13. **Historic and cultural preservation**

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe. *Not in areas to be maintained.*

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site. *None in areas to be maintained.*

c. Proposed measures to reduce or control impacts, if any: *limit maintenance activities to areas previously maintained or operated.*

14. **Transportation**

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any. *All facilities served by public roads.*

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? *Most sites are remote from public transit.*

c. How many parking spaces would the completed project have? How many would the project eliminate? *N/A*

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private). *No*

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

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. *None*

g. Proposed measures to reduce or control transportation impacts, if any: *N/A*

15. **Public services**

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe. *No. Need for public services established by presence and operation of facility, not by maintenance.*

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.*

Available services vary by location.

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 *N/A*.

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: .....

Date Submitted: 9.8.08 9-8-08