

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: **Tacoma Smelter Plume, Soil Safety Program – Fall 2012 Group 2**

2. Name of applicant: **WA State Department of Ecology**

3. Address and phone number of applicant and contact person: **PO Box 47775
Olympia, WA 98504
Contact: Amy Hargrove (360) 407-6262
Amy.Hargrove@ecy.wa.gov**

4. Date checklist prepared: **June 28, 2012**

5. Agency requesting checklist: **WA State Department of Ecology**

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

Preliminary borings have been conducted to delineate contamination. Soil removal is scheduled to begin after August 1, 2012.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. **NO.**

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal. **The soil contains arsenic or lead or both arsenic and lead above the Washington State Model Toxics Control Act standard for unrestricted land uses.**
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.

NOTE: The Model Toxics Control Act exempts these projects from the procedural requirements of local permits (city and county). We are required to meet the substantive requirements of local permits.

1. **Sunset Playfields** Project site is within the jurisdiction of the City of SeaTac. Local permits include Grading Permit and possibly a Right-of-Way Use Permit. State administered permits include the NPDES Construction Stormwater General Permit.
2. **McMicken Park** Project site is within the jurisdiction of the City of SeaTac. Local permits include Grading Permit and possibly a Right-of-Way Use Permit.
3. **Dottie Harper Park.** Project site is within the jurisdiction of the City of Burien. Local permits that may apply include a Grading Permit and a Right of Way Use Permit. According the City of Burien Critical Areas Map the site is not located within a critical area.
4. **Cami Ditolla.** None

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.)

1. **Sunset Playfields - Under the Soil Safety Program, Ecology will remove approximately 1775 cu yards of contaminated soil from an area approximately 1.1 acres. The area will be backfilled with clean soil and hydroseeded.**
2. **McMicken Park - Under the Soil Safety Program, Ecology will remove approximately 195 cu yards of contaminated soil from an area approximately 5250 sq ft. The area will be backfilled with clean soil and hydroseeded.**
3. **Dottie Harper Park. - Under the Soil Safety Program, Ecology will remove approximately 280 cu yards of contaminated soil from an area approximately 7500 sq ft. The area will be backfilled with clean soil and hydroseeded.**
4. **Cami Ditolla. – Under the Soil Safety Program, Ecology will lay geotextile fabric and cover with nine inches of play chips the play area that is approximately 2450 sq ft (About 70 cubic yards).**

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.

1. **Sunset Playfields - 13659 18th Ave S SeaTac, WA 98168 Parcel Number: 1623049079 Legal Description: W 1/2 OF NW 1/4 OF SW 1/4 LESS CO RDS LESS S 180 FT OF N 425 FT OF E 130 FT TGW POR VAC S 138 TH ST ADJ**
2. **McMicken Park - 4002 S 166th St SeaTac, WA 98188 Parcel Number: 5379802510 Legal Description: MCMICKEN HEIGHTS NO 2 UNREC POR SE QTR NW QTR STR 27-23-04 DAF: BEG AT POINT ON W LINE SD SECTION WCH IS S 00-01-11 W 1254.49 FT FROM NW COR SD SEC (BEING ON WLY PROJECTION OF S LINE S 164TH ST (HEREINAFTER PT "A") TH S 89-59-10 E 2230 FT TH S 00-01-11 W 275.40 FT TO TPOB TH S 00-01-11 W 105 FT TH S 89-59-10 E 20 FT TH S 00-01-11 W 170.40 FT TH N 89-59-10 W 95 FT TH N 00-01-11 E 275.40 FT TH S 89-59-10 E 75 FT TO TPOB; TGW POR SE QTR NW QTR STR 27-23-04 DAF: BEG AT AFORESAID PT "A" TH S 89-59-10 E 2250 FT TH S 00-01-11 W 380.40 FT TO TPOB TH S 00-01-11 W 170.40 FT TH S 89-59-10 E 90 FT TH B 00-01-11 E 170.40 FT TH N 89-59-10 W 90 FT TO TPOB; TGW S 112.5 FT OF FOLG DESC POR SE QTR NW QTR STR 27-23-04: BEG AT AFORESAID PT "A" TH S 89-59-10 E 2170.00 FT TO POINT ON S LINE S 164TH ST & TPOB TH S 89-59-10 E ALG SD STREET LINE 60 FT TH S 00-01-11 W 275.40 FT TH N 89-59-10 W 60 FT TH N 00-01-11 E 275.40 FT TO TPOB**
3. **Dottie Harper Park. – SW 146th St and 4th Ave SW Burien, WA 98166 Parcel Number: 1923049045 Legal Description: N 3 1/2 AC OF E 7 AC OF SE 1/4 OF OF NW 1/4 OF NE 1/4 TGW N 100 FT OF S 3.5 AC OF E 7 AC OF SE 1/4 OF NW 1/4 OF NE 1/4 LESS CO RDS**
4. **Cami Ditolla Childcare. 2056 S 222nd St Des Moines, WA 98198 Parcel Number: 0922049401 Legal Description: PORTION SE QTR SW QTR STR 09-22-04 DAF: BEGINNING 472.4 FT EAST OF NW CORNER OF SE QTR SW QTR OF SAID STR 09-22-04 TH S01-18-34W 219.25 FT TO TPOB TH S01-18-34W 198.00 FT TH S88-33-16E 216.21 FT TH N01-18-34E 198.00 FT TH N88-33-17W 216.21 FT TO TPOB (AKA PARCEL "B" DESCRIBED & DELINEATED PER CITY OF DES MOINES LOT LINE ADJUSTMENT NO LUA 2001-007 RECORDING NO 20010418900001**

B. ENVIRONMENTAL ELEMENTS

1. Earth

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

Site	General Description
1. Sunset Playfields	Generally flat with a slope at one edge of the excavation
2. McMicken Heights	Flat
3. Dottie Harper Park	Hilly to Steep Slopes
4. Cami Ditolla	Flat

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

Site	Percent Slope
1 Sunset Playfields	1%
2 McMicken Heights	1%
3 Dottie Harper Park	25%

4 Cami Ditolla	1%
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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 prime farmland.

All Sites: General Soil Type: G7. Map Unit Description: slightly redder and more deeply weathered than soils in G6. Major Soil Series: Alderwood-Everett-Harstine-Kitsap-Indianola.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe. **NO INDICATIONS WERE OBSERVED**

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

Arsenic contaminated soil will be removed from each site and replaced with clean soil from an approved offsite source (landscape material provider) selected by the contractor.

- 1. Sunset Playfields - Under the Soil Safety Program, Ecology will remove approximately 1775 cu yards of contaminated soil from an area approximately 1.1 acres. The area will be backfilled with clean soil and hydroseeded.**
- 2. McMicken Park - Under the Soil Safety Program, Ecology will remove approximately 195 cu yards of contaminated soil from an area approximately 5250 sq ft. The area will be backfilled with clean soil and hydroseeded.**
- 3. Dottie Harper Park. - Under the Soil Safety Program, Ecology will remove approximately 280 cu yards of contaminated soil from an area approximately 7500 sq ft. The area will be backfilled with clean soil and hydroseeded.**
- 4. Cami Ditolla. – Under the Soil Safety Program, Ecology will lay geotextile fabric and cover with nine inches of play chips the play area that is approximately 2450 sq ft.**

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

Yes. Erosion could occur within the limits of the work if BMPs are not implemented as appropriate for site conditions. The work planned for the above sites is ideal for implementing BMPs such as limiting the amount of clearing or short time frames for applying restoration measures such as seeding or sod placement. Soil disturbances by these project include excavation of existing lawns areas. Shallow cuts of about 12-inches are used to remove contaminated soils. The areas that are excavated are then backfilled with clean soil and covered with hydroseed to stabilize soils and return lawn areas to original condition.

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

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

Expedited work with a short work window. Watering soil if dry to reduce dust and implementing storm water BMPs.

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.

Depending on the weather, a minor amount of dust may occur when removing the soil and replacing with clean soil. Emissions from construction equipment.

- b. Are there any off-site 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: **The sites will be watered, if needed, during construction to minimize dust.**

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.

1. Sunset Playfields - The work site will be 700 ft from a local stream that flows into Tub Lake

2. McMicken Park - There is no surface water body on or in the vicinity of the site.

3. Dottie Harper Park. – The work site is approximately 3200 ft from Lake Burien.

4. Cami Ditolla. – The work site is approximately 370 ft from a small lake and local stream

- 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. **NONE**

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known. **NO**

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

None of the sites lie within the 100 year floodplain. Sunset Playfields is about 700 ft from the flood plain and Dottie Harper is approximately 1200 ft from the 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**

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. **NO**

- 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. **NONE**

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 additional storm water runoff will be caused by the project.

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

Contaminated soils will be disposed of at a class D landfill that will be approved by the contractor and Ecology.

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

The Contractor will use BMPS including covering stockpiles and placing stockpiles on plastic if located on street or driveway. BMPs include sweeping Streets daily and shoveling any sediment off of the roadway. Stormwater drains will have filter fabric placed inside. Other Stormwater BMPs will be used to stop stormwater from leaving the site.

4. Plants

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

- 1. **Sunset Playfields - grass**
- 2. **McMicken Park - grass, fir, deciduous tree**
- 3. **Dottie Harper Park. – grass, fir, shrubs.**
- 4. **Cami Ditolla. –none**

- b. What kind and amount of vegetation will be removed or altered? **Only grass will be removed at the sites undergoing excavation and then replaced either by sod or seed.**

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

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
None

5. Animals

- a. Circle any birds and animals which 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:

- 1. **Sunset Playfields - songbirds**
- 2. **McMicken Park - songbirds**
- 3. **Dottie Harper Park. – songbirds**
- 4. **Cami Ditolla. –songbirds**

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

c. Is the site part of a migration route? If so, explain. **Not Known**

d. Proposed measures to preserve or enhance wildlife, if any: **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. **None**

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.

The soil that will be removed at the sites is contaminated with arsenic or lead or both arsenic and lead from the Tacoma Smelter Plume. The following table indicates the average and maximum levels of arsenic and lead for each site. The values are reported in parts per million (ppm), those values that are bold indicate that we found samples above the State cleanup level of 20ppm for arsenic and 250ppm for lead.

State Cleanup Level / Site Name	Arsenic Average	Arsenic Maximum	Lead Average	Lead Maximum
State cleanup level	20	40	250	500
1. Sunset Playfields	11.4	43.2	186.6	2110
2. McMicken Park	19.88	43.2	284.5	2300
3. Dottie Harper	22.9	117	57.2	346
4. Cami Ditolla Childcare	21	29	34	43

1) Describe special emergency services that might be required. **None**

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

Watering soil during construction to limit dust. Disposal of contaminated soils at Contractor and Ecology approved class D landfill. Construction workers will have 40 Hazardous materials training.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)? **None**

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 noises will occur during the soil removal and replacement. The hours of work will occur within the local jurisdiction noise ordinance hours. The Contractors typically work weekdays from 7:00 AM to 6:00 PM .

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

The Construction work will not last more than two months during normal business hours.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

Site	Current Use	Adjacent Properties
1. Sunset Playfields	Public Park	Aviation Commercial
2. McMicken Park	Public Park	Residential and Neighborhood Business
3. Dottie Harper	Public Park	Single Family and Multifamily Residential
4. Cami Ditolla Childcare	Residential	Residential RS-8,400

b. Has the site been used for agriculture? If so, describe. **No**

c. Describe any structures on the site.

- 1. Sunset Playfields – Restroom buildings**
- 2. McMicken Park – Water Tower, Playground toys, Tennis Courts**
- 3. Dottie Harper Park – Playground toys, Office Building, Sculptures, and an old residence**
- 4. Cami Ditolla’s Childcare – Residential home**

d. Will any structures be demolished? If so, what? **No**

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

- 1. Sunset Playfields – Park**
- 2. McMicken Park – Park**
- 3. Dottie Harper Park – Residential Single Family 7200, Residential Multifamily 48**
- 4. Cami Ditolla’s Childcare – Residential RS-8,400**

f. What is the current comprehensive plan designation of the site? **N/A**

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 as an "environmentally sensitive" area? If so, specify.

- 1. Sunset Playfields –On King County IMAP there are five areas listed as sensitive - 100 year flood plain, area susceptible to groundwater contamination, drainage complaints, SAO stream and Wetland.**

2. McMicken Park – None**3. Dottie Harper Park – The area is susceptible to groundwater contamination****4. Cami Ditolla’s Childcare – None**

- i. Approximately how many people would reside or work in the completed project? **NA**
- j. Approximately how many people would the completed project displace? **None**
- k. Proposed measures to avoid or reduce displacement impacts, if any: **None**
- l. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: **The proposed project will make the subject properties more compatible with any proposed future use since the contaminated soil will be removed and replaced with clean soil or covered with geotextile fabric and a covering material.**

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? **N/A**
- b. What views in the immediate vicinity would be altered or obstructed? **N/A**
- 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? **The project will not produce, increase or decrease light or glare.**
- b. Could light or glare from the finished project be a safety hazard or interfere with views? **NO**
- c. What existing off-site sources of light or glare may affect your proposal? **None**
- 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?

1. **Sunset Playfields – Is currently a public park with baseball and soccer fields and is adjacent to tennis courts and a BMX track as well as trails.**
2. **McMicken Park – this location is currently a public park with open space, playground toys and tennis courts.**
3. **Dottie Harper Park – this location is currently a public park with open space, trails, and playground toys.**
4. **Cami Ditolla’s Childcare – This location is near Steven J. Underwood Memorial Park.**

b. Would the proposed project displace any existing recreational uses? If so, describe. **At Sunset Playfields, McMicken, and Dottie Harper the project would temporarily displace recreational uses in the areas of construction but no park will be completely closed.**

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

At Sunset Playfields, McMicken and Dottie Harper, a contractor will remove contaminated soils from lawn play areas and restore the surfaces in kind.

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.

1. **Sunset Playfields – This location is approximately 3 miles from the Tukwila School.**
2. **McMicken Park – This location is approximately 3 miles from the Tukwila School and the James Nelson House.**
3. **Dottie Harper Park – None found.**
4. **Cami Ditolla’s Childcare – This location is about a mile from the Covenant Beach Bible Camp in Des Moines.**

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None on any of the sites.

c. Proposed measures to reduce or control impacts, if any: **None**

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. **See Maps**

1. **Sunset Playfields – S 136th St and 18th Ave S SeaTac, WA**
2. **McMicken Park – S 166th St and Military Road SeaTac, WA**
3. **Dottie Harper Park – 148th St and 4th Ave SW Burien, WA**
4. **Cami Ditolla’s Childcare – S 222nd St**

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
All sites are served by King County Metro and have stops less than a quarter mile away.
- c. How many parking spaces would the completed project have? How many would the project eliminate? None
- 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.

No

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur. N/A
- g. Proposed measures to reduce or control transportation impacts, if any: Possible hauling import and export in same truck to reduce the number of trips.

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
- b. Proposed measures to reduce or control direct impacts on public services, if any. None

16. Utilities

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

1. Sunset Playfields – Electricity, Water, Refuse Service, Sanitary Sewer
2. McMicken Park – Electricity, Water, Refuse Service, Sanitary Sewer
3. Dottie Harper Park – Electricity, Water, Refuse Service, Sanitary Sewer
4. Cami Ditolla’s Childcare – Electricity, Water, Refuse Service, Sanitary Sewer, Telephone

- 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. None

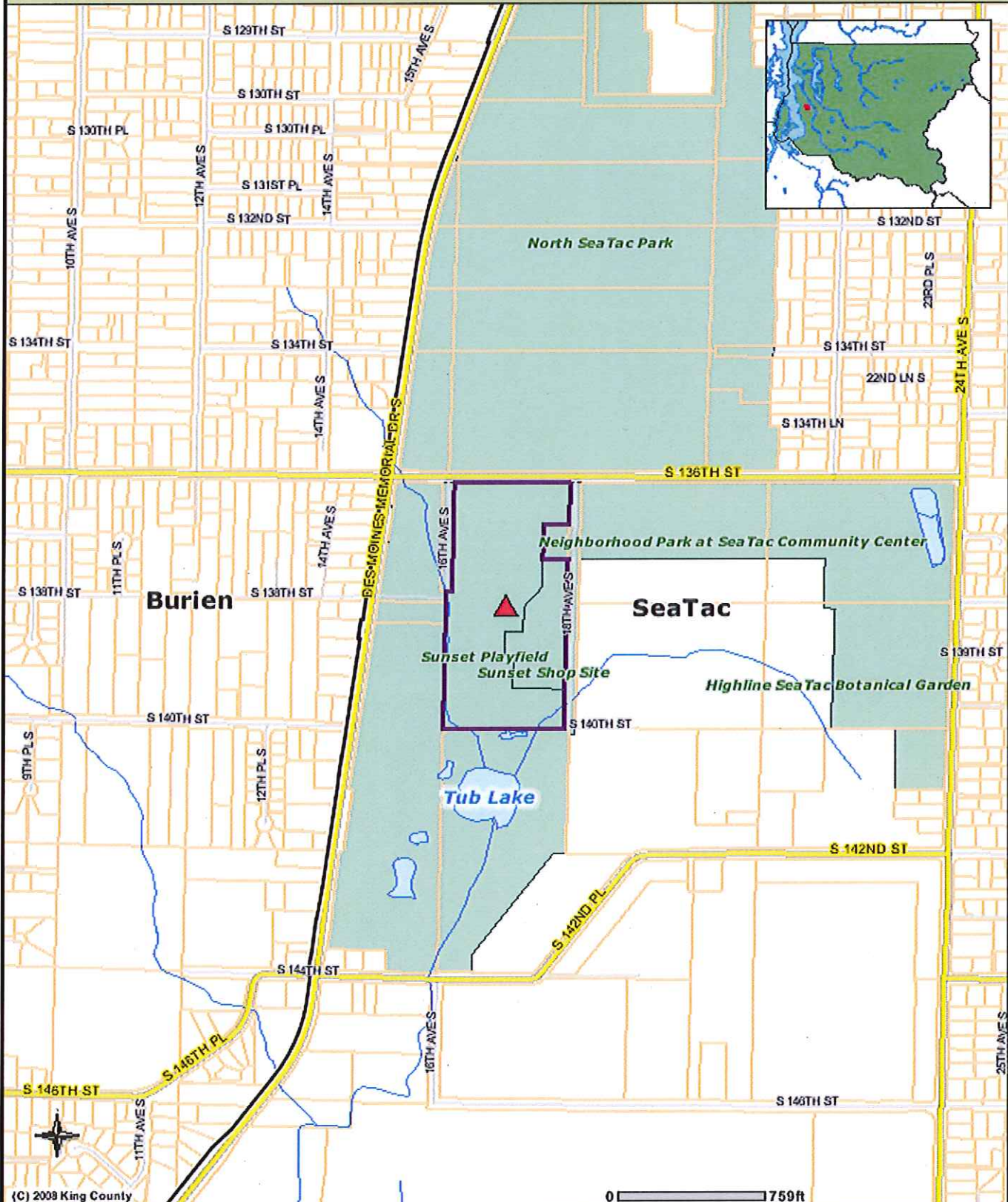
C. SIGNATURE

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: *Amy Hargrove*

Date Submitted: *July 2nd, 2012*

iMAP



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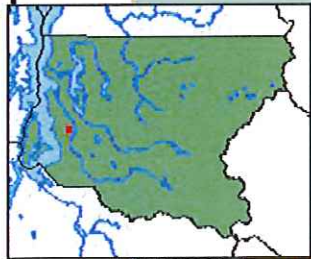
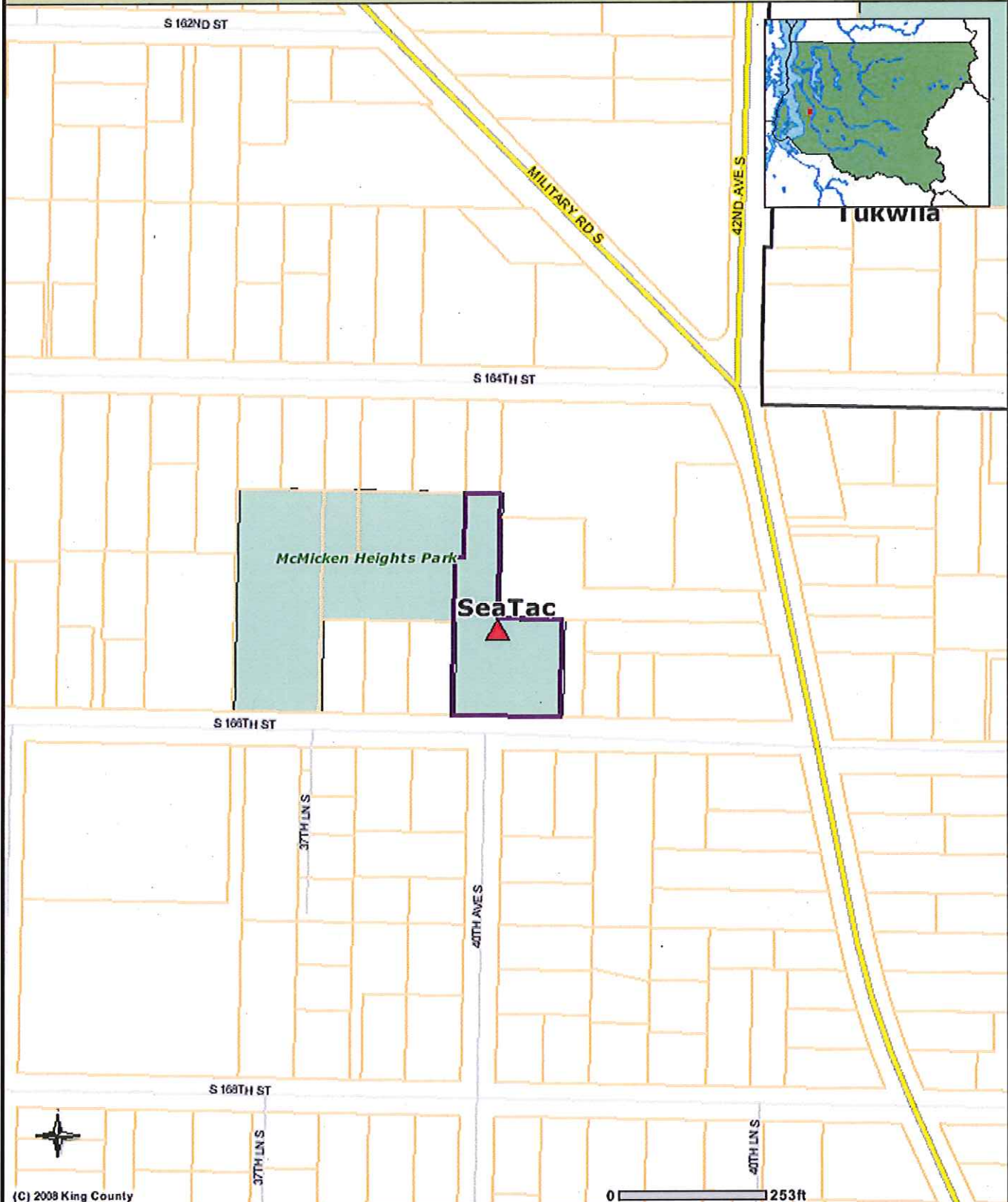
COMMENTS: Sunset Playfield

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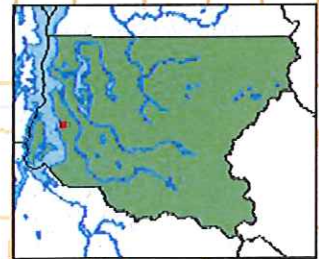
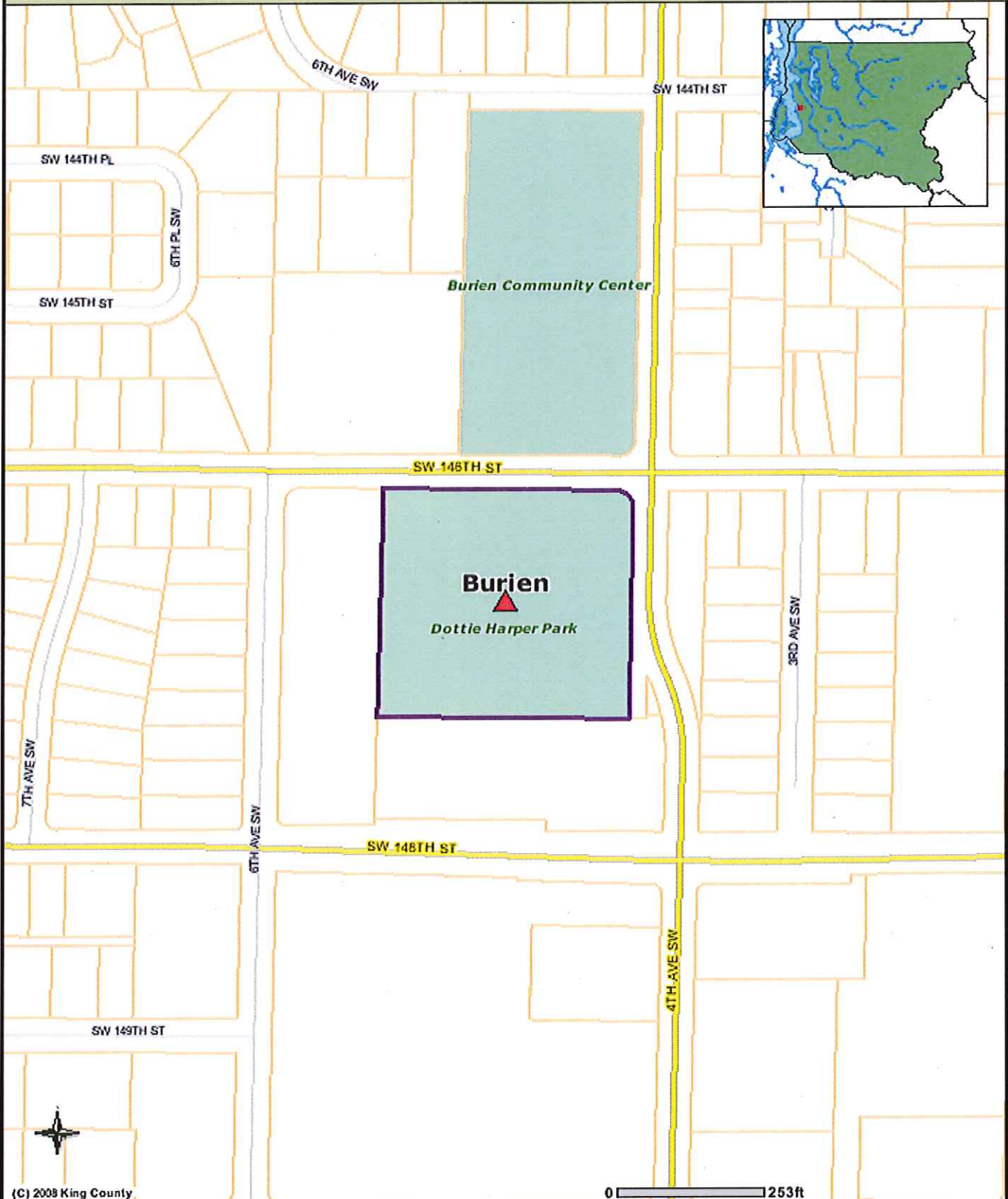
COMMENTS: McMicken Park

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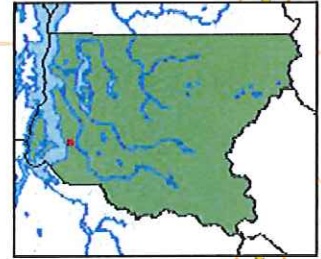
COMMENTS: Dottie Harper Park

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iMAP



Steven J. Underwood Memorial Park

S 220TH ST

Des Moines

S 222ND ST

24TH AVE S

S 223RD ST

EMMETT LN S



(C) 2008 King County

0 253ft

COMMENTS: Cami Ditolla's Childcare

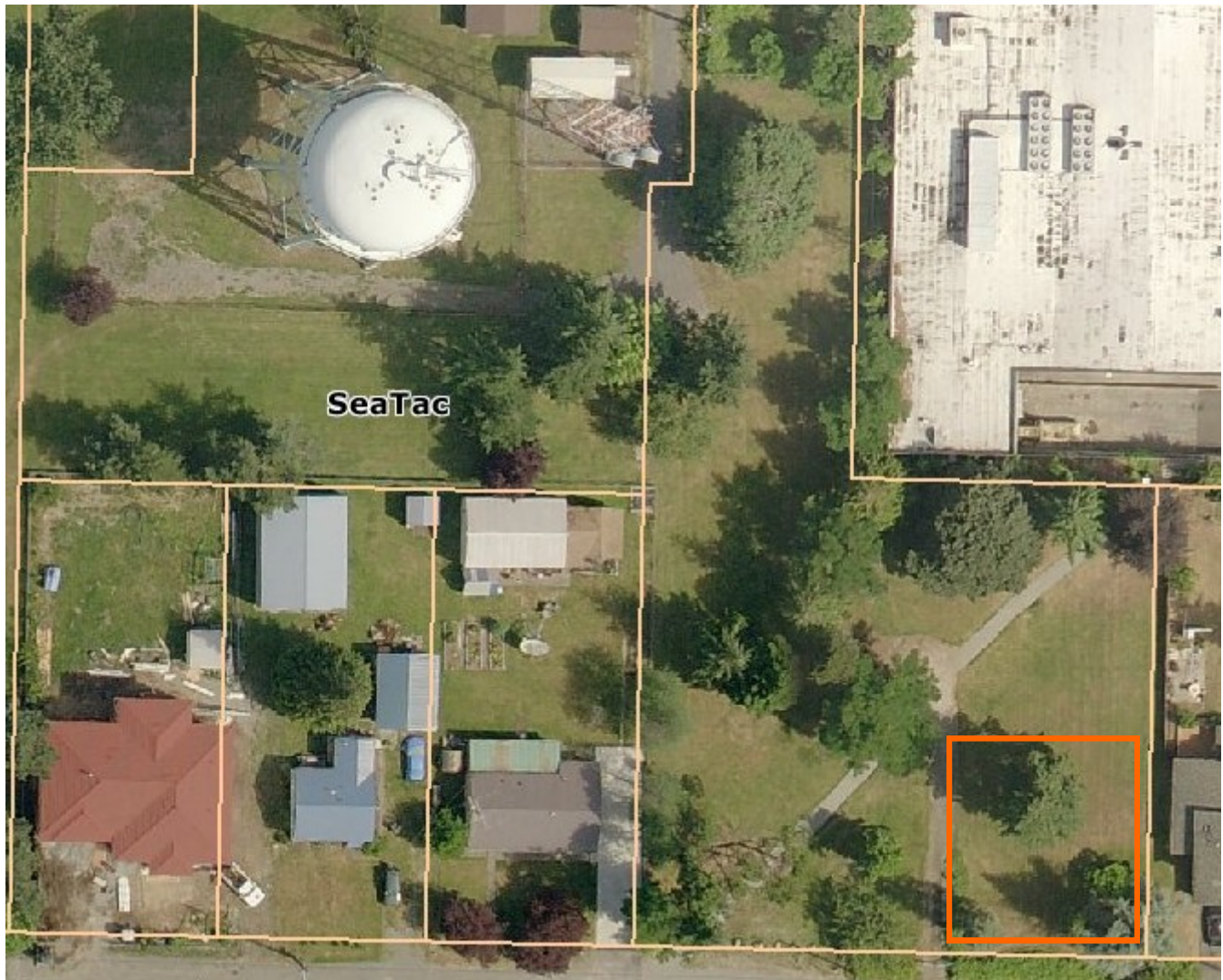
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Date: 6/29/2012 Source: King County iMAP - Property Information (<http://www.metrokc.gov/GIS/iMAP>)

Mc Micken Heights Park

S 166th St and 40th Ave S SeaTac, WA



Ecology Proposed Actions

- Excavate the area outlined in orange down one foot and replace with clean soil and hydroseed. The area is approximately 5250 sq ft.
- Place signage at the park to increase awareness of healthy actions that the public can take and that they may encounter soil contamination at this park.

Sunset Playfields

13659 18th Ave S SeaTac, WA



Ecology Proposed Actions

- Excavate the area outlined in orange down one foot and replace with clean soil and hydroseed. The area is approximately 1.1 acres
- Place signage at the park to increase awareness of healthy actions that the public can take and that they may encounter soil contamination at this park.

Construction could take place after the 1st of August through Mid- September. There is currently an irrigation system, the parks department will provide an irrigation plan. The contractor should test system and document flow rate and photograph system working.

Dottie Harper
146th St and 4th Ave Burien, WA



Ecology Proposed Soil Safety Actions

- Excavate down 1 foot
- Replace with clean soil and hydroseed
- Place signage at park so that the public is aware that contaminated soil is located in the natural areas of the park

Dottie Harper
146th St and 4th Ave Burien, WA



Ecology Proposed Soil Safety Actions

- Excavate down 1 foot
- Replace with clean soil and hydroseed

Dottie Harper
146th St and 4th Ave Burien, WA



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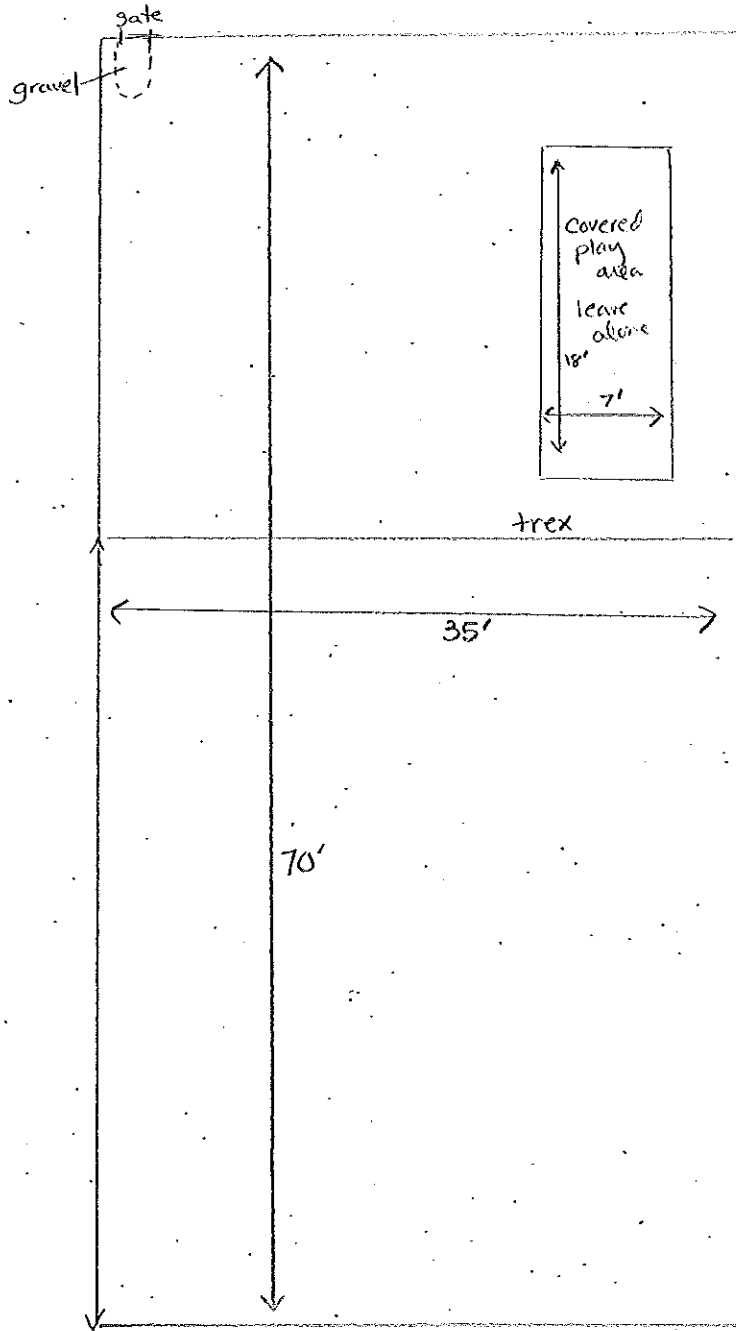


Ecology Proposed Soil Safety Actions

In considering this play area, Ecology has become concerned about the integrity of the slide structure therefore we do not propose soil removal and replacement unless the parks department has plans to replace the play equipment. If the parks department would like to replace the slide, Ecology would propose soil removal at that time. If the slide is to be retained then covering the soil with geotextile fabric and play chips around the slide and covering the bare soil in the walking trails with bark chips could act as a temporary measure to reduce soil contact.

Cami Ditolla

Sketch of play area with recommended actions



- Remove and set aside for homeowner existing border material
- Lay geotextile fabric
- Place Trex border around outside and between play areas
- Cover in 9 inches of play chips