

# MOA Wetlands Prioritization Project



April 2012

## Appendix

### Municipality of Anchorage, Heritage Land Bank Wetlands Prioritization Project Data Analysis Procedure

Data on REV acreage and proximity to protected land was gathered and combined using ArcGIS geoprocessing tools. Sources of data used included:

- MOA HLB parcels
- MOA wetlands 2010-11
- MOA streams
- MOA protected land
- NWI wetlands
- ADFG Anadromous streams
- MOA HLB credit mapping
- Holton Hills Subdivision, Girdwood, plat

Total REV acreage was aggregated per HLB parcel. Scoring and ranking reflect the methods used in the GLT study.

Score = Proximity rating + weighted and normalized REV acreage + expert opinion

The highest scores received the highest ranking. Maps were produced showing parcels, REV polygons and ranking by region. Spreadsheets were produced by region showing the numbers involved in the calculations.

Scores were calculated by:

Score = Prox\_prot + Area\_N + Expert\_op

HLB parcels were retrieved from the MOA GIS library and used to clip the MOA wetlands layer. The NWI wetlands layer was downloaded directly from the USFWS national database and merged with the MOA wetlands that were within each HLB parcel layer. Coding from the NWI wetland layer was used to determine appropriate REV values.

Using the MOA streams layer, anadromous fish streams were coded using ADFG data as a visual guide, then buffered on GIS to show a 100-foot setback. The MOA streams layer was buffered at 300-feet. The 100-foot anadromous stream setback was then removed from within the 300-foot stream buffer to avoid duplicating data.

The wetland layers were intersected with the stream buffer layers to determine the wetland REV classification. REV codes were compiled by referring to the Wetland REV Classification table (metadata provided by USFWS). The appropriate values were calculated into the REV field.

In the Wetland REV Classification table there are several categories in which the Water Regime category by itself merits a high REV classification. After collecting wetlands that intersect stream buffers within a layer, the wetland polygons that were rated highly 'in their own right' were added and overlaps were removed. REV values were coded and clipped again to the HLB parcel boundaries.

Another classification category was added, a buffer of the REV 1 categories outside the stream buffers. These were buffered at 300-feet and added to the consolidated, clipped wetlands layer as a REV 2.

At the end of this process, the result was wetland categories clipped to the HLB parcels and coded for REV values. To calculate acreage of the REV wetland polygons, a new parcel layer was made to hold the HLB parcels and the final data associated with them. In the consolidated wetlands layer, a Summary Statistics tool was used to sum the acreages by REV code and then by parcel ID. The result is a table that can be joined back with the new parcel layer and used to calculate values to the REV1\_acre and the REV2\_acrea fields. Other fields were created in the new parcel layer: expert opinion, proximity to protected lands, REV sum, area N and SCORE.

Wetland parcels were edited with information from HLB Credit Mapping of potential bank parcels and those parcels already under a Conservation Easement or otherwise encumbered. Uplands within 300-foot stream buffers were also included.

At this point, the data was divided into two categories, intertidal parcels and non-intertidal parcels. This data was analyzed: by REVSUM (total weighted acres of REV designation) and by PERCENT REV1 (percentage of the REVSUM that is REV 1). All further calculations were duplicated for each category. At a later date, calculations were sub-categorized further by region: Anchorage Bowl, Chugiak-Eagle River, and Girdwood. The calculations were suspended by percentage.

As the iterations of calculations proceeded, parcels were subtracted or combined with adjacent parcels for several reasons, either adjacent parcels were considered as one, parcels were already protected to some extent or upland stream buffers were factored in. After adjustments were made to the parcels or to the wetland polygons, the resulting wetland polygons must have the tax ID of the parcel in which they are co-located, along with the REV designation and their size in acres. If the parcel polygon is a combination of several parcels, the tax ID of one of the original parcels was used.

Calculations that lead to the ranking are as follows:

1. A table of REV 1 data for each study area (Anchorage Bowl, Chugiak-Eagle River and Girdwood) was exported along with a table of REV 2 data for each. Files were named similarly for each region: REV1\_Achorage.dbf.
2. For each table, a summary was run using a statistics tool under Analysis Tools: Statistics: Summary-statistics. For the input, one of the files created in step 1 was selected. For the output table, they were named i.e. REV1\_Anchorage\_summary.dbf. For the statistics field, choose 'acres'. In the statistic type pulldown, choose SUM. For the case field, choose TAXID. Choose OK. The output table now has the acres of REV 1 summed by TAXID. This was run for each REV in each study area.
3. To transfer the summary data to the parcel layer, the tables must be joined and the field calculator used. For each parcel file, the REV1\_summary table was joined using the TAXID as the join field. Highlight the REV1\_Acres attribute and choose the Field calculator. In the Field calculator window, choose the attribute rev1\_summary.sum\_acres. This completes the equation Rev1 acres (parcel layer) = rev1\_summary.sum\_acres (summary table). Save and undo the join. Then join the REV2 summary table and transfer the summary values to the rev2\_acres field. Release the joined table. Check to see whether every polygon has REV1 or REV2 acres tabulated.
4. All the data required appears in the parcel layer. Open the attribute table and fill in the empty fields with the following:
  - a. For REV1\_N, highlight the header and right click to get the field calculator. Fill in the box with REV1\_acres\* 1.5 and click OK.

- b. Highlight REV\_SUM and right click to choose field calculator. Fill in the box to read REV1\_N+REV2\_acres. Click OK. FEV\_SUM now has the rev acres summed with the REV1 weighted scores.
  - c. To normalize the scores, the largest score must first be noted. Highlight REV\_SUM and right click. Choose sort descending. Make note of the acres for the top row. Highlight Area\_N and right click. Choose the field calculator. Fill in the box as REV\_SUM/(# you just noted). Click OK. The top row in Area\_N should be 1. The others should be less than one, in descending order. Save the table.
  - d. Proximity to protected lands is stored as the value used in the equation to calculate the score. Valid values for [prox\_prot] are .25 or nothing (NULL).
  - e. Expert opinion was weighed by adding .5 to those sites deemed of higher value than originally scored, or subtracting (-.5) to denote sites that ranked higher than merited and should be lowered in ranking to reflect the site's value per expert opinion.
  - f. Now highlight the Score\_RVSM header and right click. In the field calculator, fill in the box to read: [prox\_prot] + [Area\_N] + [Expert\_op]. Click OK. This is the final score.
  - g. Now sort the Score\_RVSM in descending order. This is the final ranking. In the Rank\_RVSM field, enter the ranking with 1 at the top and proceed accordingly.
5. Output for this study includes maps and spreadsheets. Maps are categorized by region and contain HLB parcels, the REV polygons and labels as to the ID and ranking of the parcel. Spreadsheets show the ID numbers, acres and field used in the calculations.
6. The EPA and Corps of Engineers-Regulatory staff was consulted to review early drafts of the prioritization lists and to weigh in with expert opinion. MOA staff (Thede Tobish, Senior Planner; Karen Keesecker, Associate Planner and Karlee Gaskill of MOA-Heritage Land Bank) contributed expert opinion regarding environmental, land use and first-hand knowledge of the sites. Terry Lamberson, MOA-GIS Services, provided expertise in developing the methodology and deriving data and maps.
7. Information on the intertidal HLB parcels was generated, however staff felt the parcels were not as viable to offer for mitigation given they were already afforded a level of protection and elected not to include the data within the prioritization at this time. For future reference, the listing and ranking of HLB intertidal parcels can be used should opportunity arise where compensatory mitigation is needed for that REV and habitat type.

Wetlands Prioritization Project  
Potter Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
02032118000	2-147	119.735870	0.000000	0.306832	0.25	0.002599	-0.5		0.000000	0.306832	-0.247401	1	35	Potter Creek	upls	buffer
02032117000	2-146	12.694881	0.000000	9.398391	0.00	0.079616	-0.5		0.000000	9.398391	-0.420384	2	37	Potter Creek	upls/strm/wetls	buffer/non-anadromous/forested-shrub

Wetlands Prioritization Project  
Rabbit Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
01713104000	2-125	237.544225	0.000000	91.847398	0.25	0.778060	-0.5		0.000000	91.847398	0.528060	1	8	Rabbit Creek	upls/strm/wetls	anadromous/forested-shrub-emergent
02002127000	2-152	40.132746	0.000000	11.257640	0.25	0.095366			0.000000	11.257640	0.345366	2	11	Rabbit Creek	upls/strm	buffer/non-anadromous
02018202000	2-136	49.462124	0.000000	18.762194	0.00	0.158939			0.000000	18.762194	0.158939	3	22	Rabbit Creek	strm/wetls	non-anadromous/forested
02015118000	2-139	180.350099	0.000000	41.537802	0.25	0.351876	-0.5		0.000000	41.537802	0.101876	4	23	Rabbit Creek	strm/wetls	non-anadromous/shrub-emergent
01708107000	2-124	155.619545	0.000000	6.555816	0.00	0.055536			0.000000	6.555816	0.055536	5	25	Rabbit Creek	upl	buffer
02009112000	2-127	19.912870	0.000000	5.965815	0.00	0.050538			0.000000	5.965815	0.050538	6	26	Rabbit Creek	upl/strm/wetls	buffer/non-anadromous/shrub
02018203000	2-135	4.232023	0.000000	4.232023	0.00	0.035850			0.000000	4.232023	0.035850	7	27	Rabbit Creek	strm/wetls	non-anadromous/forested-shrub
02018204000	2-134	4.025419	0.000000	3.788923	0.00	0.032097			0.000000	3.788923	0.032097	8	28	Rabbit Creek	strm/wetls	non-anadromous/forested
02018205000	2-133	4.028358	0.000000	1.995262	0.00	0.016902			0.000000	1.995262	0.016902	9	29	Rabbit Creek	strm	buffer
02023106000	2-143	10.296282	0.000000	0.089654	0.25	0.000759			0.000000	0.089654	0.250759	10	36	Rabbit Creek	upls	buffer
02018162000	2-156	13.222840	0.000000	2.035632	0.00	0.017244	-0.5		0.000000	2.035632	-0.482756	11	38	Rabbit Creek	upl/strm/wetls	buffer/non-anadromous/shrub

Wetlands Prioritization Project  
Campbell Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
01259107000	5-002-A	109.066288	15.715858	94.472905	0.00	1.000000		legally encumbered	23.573787	118.046692	1.000000	1	1	Campbell Creek	wetls	emergent-shrub
01485101000	3-049	80.646015	18.715608	44.907769	0.25	0.618240			28.073412	72.981180	0.868240	2	2	Campbell Creek	wetls	forested
01258113000	5-001	31.989898	20.947039	31.675645	0.25	0.534502			31.420558	63.096203	0.784502	3	3	Campbell Creek	wetls	shrub-emergent
01629121000	5-005	22.529849	6.501376	21.842797	0.00	0.267647	0.5		9.752064	31.594861	0.267647	4	4	Campbell Creek	wetls	forested-shrub-emergent
00727101000	3-045	79.255017	10.820124	36.237761	0.25	0.444468			16.230186	52.467947	0.694468	5	5	Campbell Creek	strm/wetls	anadromous/shrub-emergent
00728101000	3-046	80.143955	9.135818	27.956111	0.25	0.352910			13.703727	41.659838	0.602910	6	6	Campbell Creek	upl/strm/wetls	buffer/anadromous/forested
01207401000	5-019	8.214993	6.126080	7.356760	0.25	0.140164			9.189121	16.545881	0.390164	7	9	Campbell Creek	wetls	shrub-emergent
00726103000	3-043	10.151363	1.502993	6.762339	0.25	0.076384			2.254490	9.016829	0.326384	8	12	Campbell Creek	strm/wetls	non-anadromous/shrub-emergent
00726101000	3-042	16.603416	0.000000	3.407476	0.25	0.028865			0.000000	3.407476	0.278865	9	15	Campbell Creek	wetls	forested-shrub
00725103000	3-036	29.830202	0.447125	2.403341	0.25	0.026041			0.670688	3.074029	0.276041	10	16	Campbell Creek	upl/wetls	buffer/forested
00724107000	3-039	27.582408	0.128419	2.600868	0.25	0.023664			0.192628	2.793496	0.273664	11	17	Campbell Creek	strm/wetls	buffer/forested
00724101000	3-040	19.949065	0.000000	0.608064	0.25	0.005151			0.000000	0.608064	0.255151	12	18	Campbell Creek	upls	buffer
00726104000	3-044	5.155158	0.000000	0.139506	0.25	0.001182			0.000000	0.139506	0.251182	13	19	Campbell Creek	wetls	forested-shrub
01484102000	3-050	19.996356	0.000000	0.059894	0.25	0.000507			0.000000	0.059894	0.250507	14	20	Campbell Creek	wetls	forested
01486101000	3-053	19.829645	4.908410	16.179820	0.00	0.199433			7.362616	23.542436	0.199433	15	21	Campbell Creek	strm/wetls	anadromous/forested-shrub
01255303000	5-020	15.382716	0.733921	7.517436	0.00	0.073008		legally encumbered	1.100882	8.618318	0.073008	16	24	Campbell Creek	lacustrine/wetls	persistent/forested-shrub-emergent
01486103000	3-057	4.990753	0.006483	1.912704	0.00	0.016285			0.009724	1.922429	0.016285	17	30	Campbell Creek	upl/wetls	buffer/forested-shrub
01213187000	5-003	2.231932	0.000000	1.059891	0.00	0.008979			0.000000	1.059891	0.008979	18	31	Campbell Creek	wetls	emergent-shrub
01486102000	3-058	9.996888	0.000000	0.763756	0.00	0.006470			0.000000	0.763756	0.006470	19	32	Campbell Creek	wetls	forested
01255180000	5-021	2.853267	0.000000	0.135807	0.00	0.001150			0.000000	0.135807	0.001150	20	34	Campbell Creek	wetls	forested-shrub

Wetlands Prioritization Project  
Little Campbell Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
01505328000	2-119	11.234465	2.459215	10.097500	0.25	0.116787			3.688822	13.786322	0.366787	1	10	Little Campbell Creek	strm/wetls	anadromous/forested-shrub

Wetlands Prioritization Project  
Chester Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
00631203000	3-072B	4.538868	0.000000	4.256480	0.00	0.036058	0.5		0.000000	4.256480	0.036058	1	7	Chester Creek	strm/wetls	non-anadromous/forested-shrub-emergent
00725102000	3-037	19.834140	0.000000	6.614244	0.25	0.056031			0.000000	6.614244	0.306031	2	13	Chester Creek	strm/wetls	non-anadromous/forested-shrub
00725101000	3-038	19.838535	0.000000	3.447391	0.25	0.029204			0.000000	3.447391	0.279204	3	14	Chester Creek	upl/wetls	buffer/forested

Wetlands Prioritization Project  
Ship Creek Watershed

TAX ID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Area_N	Expert Opinion	Comments	REV1_N	REV_SUM	Score	Watershed Rank	Anchorage Regional Rank	Watershed	NWI category	NWI description
00402203001	3-002	5.238900	0.000000	0.229047	0	0.001940			0.000000	0.229047	0.001940	1	33	Ship Creek	wetls	forested-shrub

Wetlands Prioritization Project  
Chugiak - Eagle River Parcels

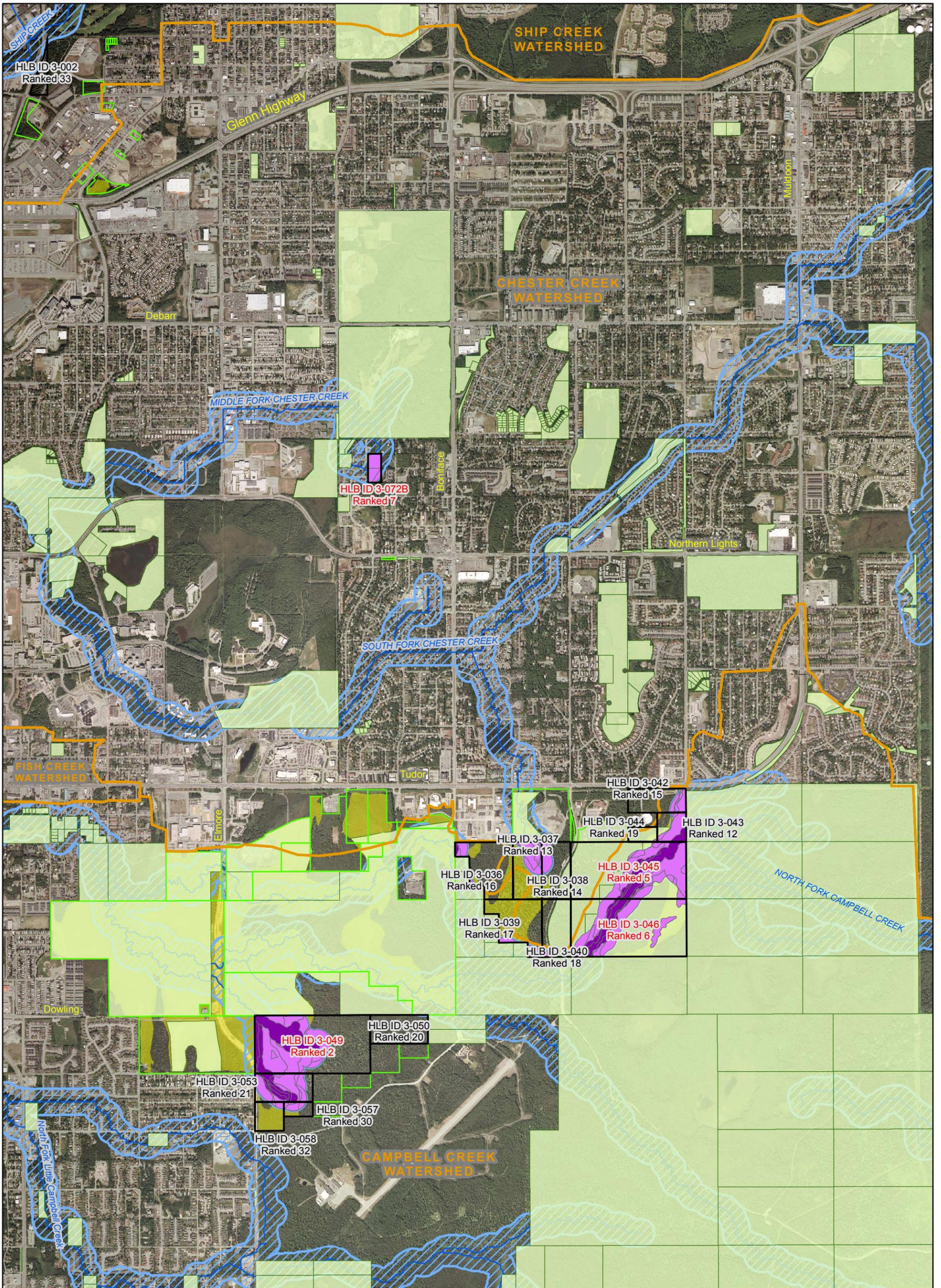
TAXID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Expert Opinion	Area_N	REV1_N	REV_SUM	Score	Rank	Watershed	NWI category	NWI description
05136144000	1-074	91.378023	0	49.007958	0.25		0.666542	0	49.007958	0.916542	1	Fire Creek	strm/wetls	non-anadromous/forested-shrub-emergent
06023101000	1-088	192.966352	0	73.525708	0.25	-0.5	1.000000	0	73.525708	0.750000	2	Eagle River	upls/strm	buffer/non-anadromous
05001404000	1-080	79.667981	0	10.589877	0.25		0.144030	0	10.589877	0.394030	3	Eagle River	strm/wetls	non-anadromous/riverine
05147107000	1-095	7.325747	0.886278852	5.249663	0.25		0.089480	1.329418278	6.579082	0.339480	4	Peters Creek	upls	buffer
05075103000	1-084	35.029128	0	3.363113	0.25		0.045741	0	3.363113	0.295741	5	Eagle River	upls	buffer
05130102000	1-071	39.943122	0	2.663185	0.25		0.036221	0	2.663185	0.286221	6	Fire Creek	upls	buffer
05132413000	1-076	2.013696	0.626865984	0.000000	0.25		0.012789	0.940298975	0.940299	0.262789	7	Fire Creek	strm/wetls	anadromous/forested-shrub-emergent
05001303000	1-079	241.074473	0	0.074971	0.25		0.001020	0	0.074971	0.251020	8	Eagle River	upls	buffer
05132417000	1-072A	2.206095	0	2.206095	0		0.030004	0	2.206095	0.030004	9	Fire Creek	upls/strm	buffer/non-anadromous
05116330000	1-102	15.869368	0	14.614364	0.25	-0.5	0.198765	0	14.614364	-0.051235	10	Fire Creek	wetls	forested-shrub-emergent
05035317000	1-081	79.808478	0	4.414692	0.25	-0.5	0.060043	0	4.414692	-0.189957	11	Eagle River	upls	buffer
05048101000	1-083	40.233955	0	2.232748	0.25	-0.5	0.030367	0	2.232748	-0.219633	12	Eagle River	upls	buffer

Wetlands Prioritization Project  
Girdwood Parcels

TAXID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Expert Opinion	Area_N	REV1_N	REV_SUM	Score	Rank	Watershed	NWI category	NWI description
07513222000	6-041	20.969550	4.611522	10.537747	0.25	0.5	0.032442	6.917283	17.455030	0.782442	1	Glacier Creek	strm/wetls	anadromous/forested-shrub-emergent
07513104000	6-057	170.253837	37.688388	75.712897	0.00	0.5	0.245795	56.532582	132.245478	0.745795	2	Glacier Creek	upls/strm/wetls	buffer/anadromous/riverine-forested-shrub-emergent
07520102000	6-061	157.180431	18.284738	91.131304	0.00	0.5	0.220355	27.427107	118.558412	0.720355	3	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07531104000	6-011	359.188998	56.331129	109.691313	0.25		0.360922	84.496694	194.188007	0.610922	4	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07521101000	6-063	69.233334	13.681960	37.917403	0.00	0.5	0.108619	20.522939	58.440343	0.608619	5	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07513101000	6-059	32.935463	8.656570	21.369794	0.00	0.5	0.063852	12.984855	34.354650	0.563852	6	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07510401000	6-036	205.162284	37.353145	82.743424	0.25		0.257927	56.029718	138.773142	0.507927	7	Glacier Creek	upls/strm/wetls	buffer/anadromous/riverine-forested-shrub
07605102000	6-251	889.950743	32.845697	276.126240	0.25	-0.5	0.604786	49.268545	325.394785	0.354786	8	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07506319000	6-134	104.680892	9.895108	26.295027	0.25		0.076459	14.842662	41.137689	0.326459	9	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07520101000	6-062	139.952418	0.000000	32.658983	0.25		0.060701	0.000000	32.658983	0.310701	10	Glacier Creek	upls/strm	buffer/non-anadromous
07602401000	6-066	122.793066	0.000000	8.591228	0.25		0.015968	0.000000	8.591228	0.265968	11	Glacier Creek	upls	buffer
07507101000	6-022	3.630024	2.308002	1.322022	0.25		0.008892	3.462003	4.784025	0.258892	12	Glacier Creek	upls/strm	buffer/anadromous
07502103000	6-010	1184.419833	24.704847	500.975249	0.25	-1.0	1.000000	37.057270	538.032519	0.250000	13	Glacier Creek	upls/strm/lac/wetls	buffer/anadromous/persistent/forested-shrub-emerge
07605105000	6-296	167.120169	0.000000	74.918467	0.00		0.139245	0.000000	74.918467	0.139245	14	Glacier Creek	upls/strm	buffer/non-anadromous
07509101000	6-039	67.689084	15.607725	24.514599	0.00		0.089077	23.411587	47.926186	0.089077	15	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07506204000	6-038	40.309197	8.230220	31.461040	0.00		0.081420	12.345330	43.806370	0.081420	16	Glacier Creek	strm/wetls	anadromous/forested-shrub
07521103000	6-065	159.232919	0.000000	42.082729	0.00		0.078216	0.000000	42.082729	0.078216	17	Glacier Creek	upls/strm	buffer/non-anadromous
07605104000	6-295	105.001083	0.000000	27.261633	0.00		0.050669	0.000000	27.261633	0.050669	18	Glacier Creek	upls/strm	buffer/non-anadromous
07521102000	6-064	79.418990	0.000000	23.651861	0.00		0.043960	0.000000	23.651861	0.043960	19	Glacier Creek	upls/strm	buffer/non-anadromous
07504134000	6-014	31.354408	0.000000	18.368353	0.00		0.034140	0.000000	18.368353	0.034140	20	Glacier Creek	upls/strm/wetls	buffer/non-anadromous/shrub-emergent
07503134000	6-018	22.265310	2.913762	13.375066	0.00		0.032983	4.370643	17.745709	0.032983	21	Glacier Creek	upls/strm	buffer/anadromous
07525102000	6-072	37.110566	0.596505	9.861332	0.00		0.019992	0.894757	10.756088	0.019992	22	Kern Creek	upls/wetls	buffer/forested-shrub-emergent
07516340000	6-297	8.964866	0.751423	8.207164	0.00		0.017349	1.127134	9.334298	0.017349	23	Glacier Creek	upls/strm/wetls	buffer/non-anadromous/forested-shrub-emergent
07509344000	6-040	43.336874	0.000000	7.687048	0.00		0.014287	0.000000	7.687048	0.014287	24	Glacier Creek	upls/strm	buffer/non-anadromous
07522101000	6-068	159.642779	0.000000	6.698458	0.00		0.012450	0.000000	6.698458	0.012450	25	Glacier Creek	upls/strm	buffer/non-anadromous
07513102000	6-058	4.928582	1.195351	3.072256	0.00		0.009043	1.793027	4.865282	0.009043	26	Glacier Creek	upls/strm/wetls	buffer/anadromous/forested-shrub-emergent
07524101000	6-071	159.965989	0.000000	2.158587	0.00		0.004012	0.000000	2.158587	0.004012	27	Kern Creek	upls/strm	buffer/non-anadromous
07504128000	6-075	7.424806	0.000000	1.749559	0.00		0.003252	0.000000	1.749559	0.003252	28	Glacier Creek	upls	buffer
07504126000	6-013	1.696210	0.000000	1.315975	0.00		0.002446	0.000000	1.315975	0.002446	29	Glacier Creek	upls/wetls	buffer/forested-shrub-emergent
07513286000	6-043	8.181304	0.000000	0.624006	0.00		0.001160	0.000000	0.624006	0.001160	30	Glacier Creek	upls	buffer

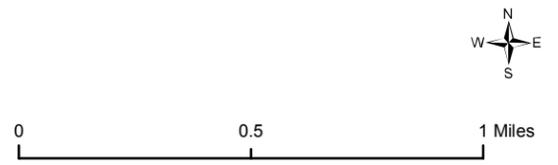
Wetlands Prioritization Project  
Girdwood Parcels

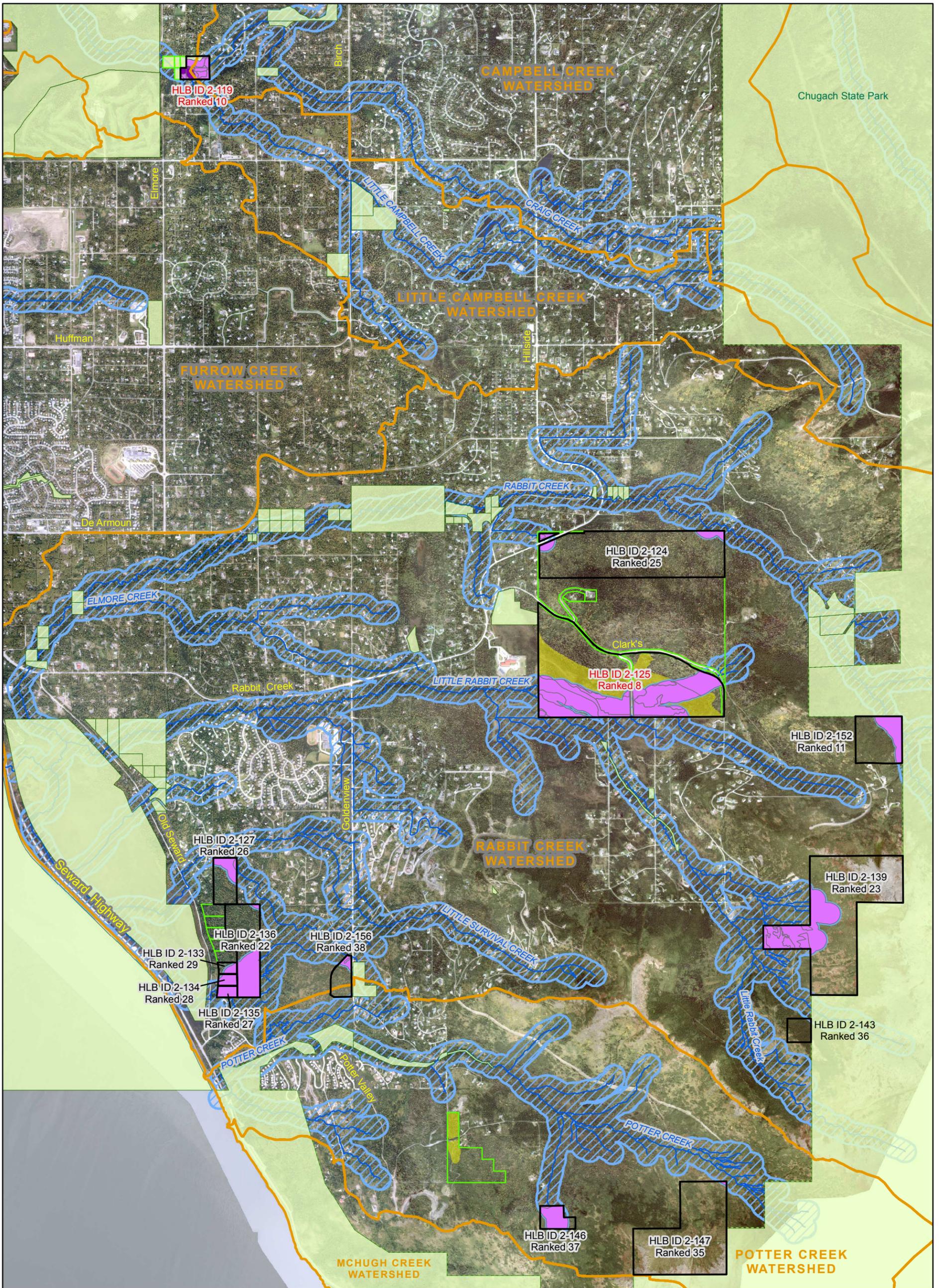
TAXID	HLB ID	Parcel Acres	REV1 acres	REV2 acres	Prox_prot	Expert Opinion	Area_N	REV1_N	REV_SUM	Score	Rank	Watershed	NWI category	NWI description
07503146000	6-019-B	0.385656	0.093610	0.292046	0.00		0.000804	0.140415	0.432461	0.000804	31	Glacier Creek	upls	buffer
07523102000	6-067	141.374452	0.000000	51.781825	0.25	-0.5	0.096243	0.000000	51.781825	-0.153757	32	Glacier Creek	upls/strm	buffer/non-anadromous
07526101000	6-074-B	287.639842	0.000000	43.356154	0.25	-0.5	0.080583	0.000000	43.356154	-0.169417	33	Kern Creek	upls/strm	buffer/non-anadromous
07523101000	6-069	284.585241	0.000000	38.372864	0.25	-0.5	0.071321	0.000000	38.372864	-0.178679	34	Glacier Creek	upls/strm	buffer/non-anadromous
07507201000	6-029	3.614504	0.000000	1.858911	0.25	-0.5	0.003455	0.000000	1.858911	-0.246545	35	Glacier Creek	wetls	riverine-forested
07526102000	6-074-A	319.485964	0.000000	101.559913	0.00	-0.5	0.188762	0.000000	101.559913	-0.311238	36	Kern Creek	upls/strm	buffer/non-anadromous
07525101000	6-073	138.628041	0.000000	34.950630	0.00	-0.5	0.064960	0.000000	34.950630	-0.435040	37	Kern Creek	upls/strm	buffer/non-anadromous
07605103000	6-281	82.550271	0.000000	6.367400	0.00	-0.5	0.011835	0.000000	6.367400	-0.488165	38	Glacier Creek	upls/strm	buffer/non-anadromous



MOA Wetlands Prioritization  
 Parcels in Anchorage - Northeast

2006 Aerial Photography





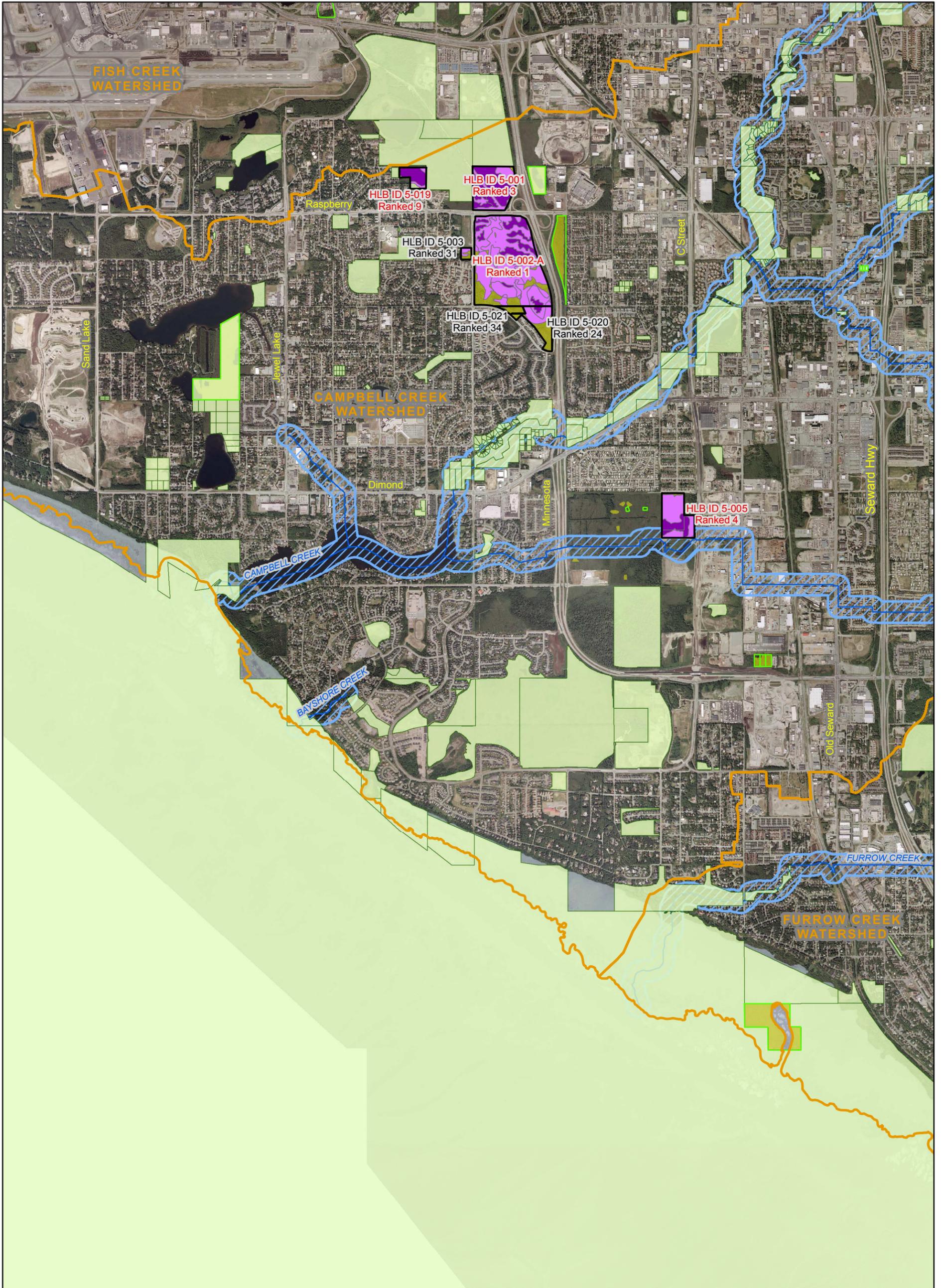
MOA Wetlands Prioritization  
Parcels in Anchorage - Southeast

2006 Aerial Photography

- Watershed boundary
- REV 1 acreage
- protected land
- Wetlands in HLB parcels
- HLB parcels assessed
- REV 2 acreage
- 300 ft stream buffer
- HLB parcels not assessed at this time

0 0.5 1 Miles



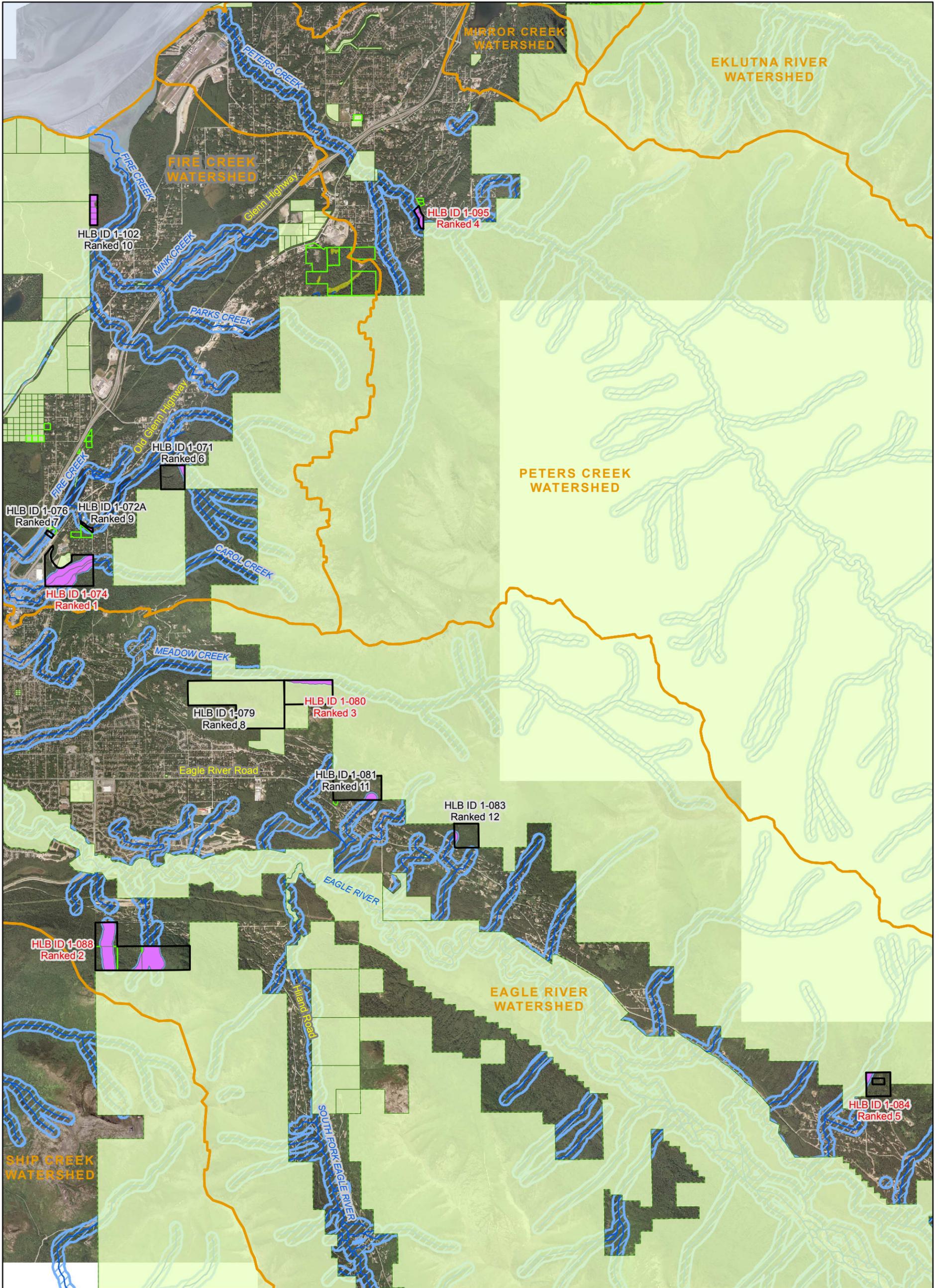


MOA Wetlands Prioritization  
 Parcels in Anchorage - Southwest

2006 Aerial Photography

-  Watershed boundary
-  HLB parcels assessed
-  REV 1 acreage
-  REV 2 acreage
-  protected land
-  300 ft stream buffer
-  Wetlands in HLB parcels
-  HLB parcels not assessed at this time



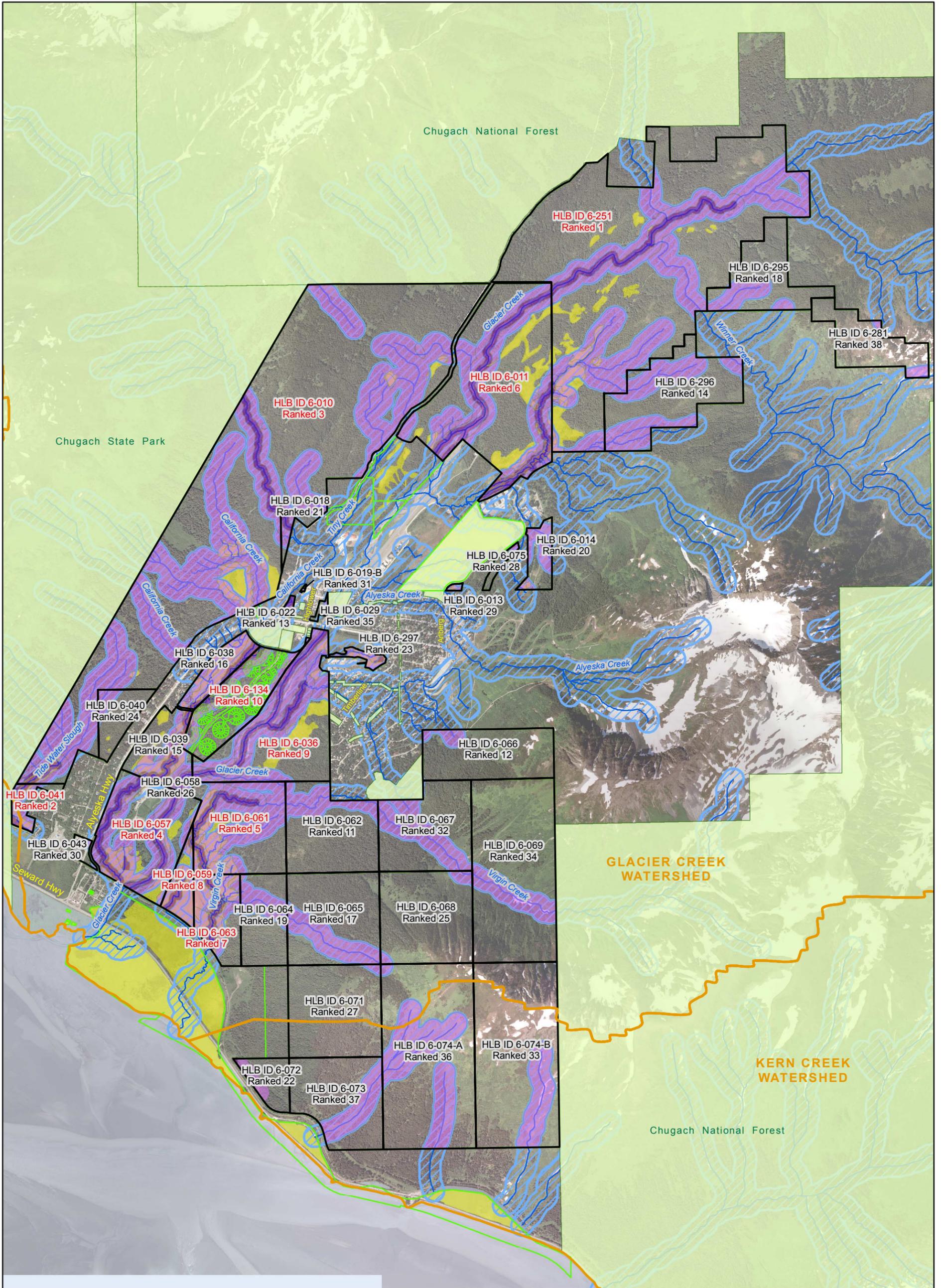


MOA Wetlands Prioritization  
 Parcels in Chugiak - Eagle River

2006 Aerial Photography

- Watershed boundary
- HLB parcels assessed
- REV 1 acreage
- REV 2 acreage
- protected land
- 300 ft stream buffer
- Wetlands in HLB parcels
- HLB parcels not assessed at this time





# MOA Wetlands Prioritization - Parcels in Girdwood

2006 Aerial Photography

- Watershed boundary
- HLB parcels assessed
- REV 1 acreage
- REV 2 acreage
- protected land
- 300 ft stream buffer
- Wetlands in HLB parcels
- HLB parcels not assessed at this time

