

Alliance for a Healthy South Sound Local Context for Regional Priorities

Use the table of contents below to navigate to each Vital Sign section and view the local context for Regional Priorities added by the Alliance for a Healthy South Sound. References to the South Sound Strategy are linked to the specific page numbers in the document – click the link to see the section. For more information on the Strategy or the AHSS NTA Review Process, see the Alliance website.

Vital Sign	Page
Chinook Salmon (and other Salmon)	2
Floodplains	6
Estuaries	7
Land Development and Cover	9
Shoreline Armoring	10
Shellfish	11
Freshwater, B-IBI	13
Toxics in Fish	13

Regional Priorities for the Chinook (and Other Salmon) Vital Sign

CHIN1.1 CONTINUE TO ENGAGE WITH LOCAL IMPLEMENTING ENTITIES (INCLUDING TRIBES, COUNTIES, CITIES, LEAD ENTITIES, WRIAS ETC.) ON PRESERVATION OF SALMON HABITAT, ISSUES RELATING TO LAND USE, CRITICAL AREAS, AND OTHER ISSUES AFFECTING SALMON RECOVERY AND RESTORATION WORK. [

[South Sound Strategy pages 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.2 EVALUATE LAND USE POLICIES AND THEIR EFFECTIVENESS IN PROTECTING HABITAT CRITICAL TO SALMON AND SALMON RECOVERY.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.3 DEVELOP A REGIONAL DEFINITION AND APPLICATION OF CRITICAL AREAS AND ECOLOGICALLY IMPORTANT HABITAT, INCLUDING COORDINATION OF DATA (GIS EXERCISE) TO COMPILE THIS OVERLAY.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.4 DEVELOP A STANDARDIZED HABITAT ASSESSMENT METHODOLOGY AND DECISION FRAMEWORK THAT SUPPORTS REGULATORY ALIGNMENT AND HARMONIZATION OF PLANS, PROCESSES, VOLUNTARY MEASURES, AND ACTIONS AMONG AGENCIES AND ACROSS ALL LEVELS OF GOVERNMENT.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.5 ESTABLISH SCIENCE-BASED STANDARDS REGION-WIDE WHEN PROTECTING AND RESTORING EFFECTIVE RIPARIAN ZONES ON ALL SALMON AND STEELHEAD STREAMS. INCLUDE OTHER KEY BIOLOGICAL ATTRIBUTES SUCH AS FLOODPLAINS, OFF CHANNEL HABITATS AND RIVERINE WETLANDS.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.6 MONITOR AND REPORT ON LANDOWNER USE AND IMPLEMENTATION OF INCENTIVE-BASED PROGRAMS TO ADDRESS SALMON HABITAT PROTECTION AND RESTORATION NEEDS. REGIONAL COORDINATING ENTITIES CAN USE MONITORING DATA TO TRACK LOCAL PROGRESS AND PURSUE ADAPTIVE MANAGEMENT AND CORRECTIONS AS NEEDED; AND WHERE NECESSARY, TAILOR PROGRAM IMPLEMENTATION TO LOCAL CONDITIONS TO ACHIEVE SALMON RECOVERY GOALS AT THE WATERSHED SCALE.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.7 IDENTIFY, REVIEW, AND ADDRESS REGULATORY REGIMES AND MECHANISMS THAT ADVERSELY IMPACT FISHERIES RESOURCES, INCLUDING REGULATORY EXEMPTIONS THAT ADVERSELY, OR POTENTIALLY ADVERSELY IMPACT FISH HABITAT.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.8 DEVELOP AN ACQUISITION STRATEGY THAT VALUES CONSERVATION EASEMENTS AND PROPERTY ACQUISITIONS ON ECOSYSTEM SERVICES PROVIDED TO THE REGION.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.9 CREATE A BALANCE SHEET FOR HABITAT GAIN AND LOSS IN THE WATERSHED.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.10 ENFORCE AND IMPROVE COMPLIANCE WITH EXISTING REGULATIONS.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN1.11 BUILD SUPPORT FOR MODIFICATIONS TO THE HYDRAULIC CODE TO INCLUDE ENHANCED CIVIL ENFORCEMENT AUTHORITIES THAT WOULD ALLOW WDFW TO ISSUE STOP-WORK AND ADMINISTRATIVE ORDERS, INSPECT PROPERTIES, AND INCREASE CIVIL FINES.

Applicable, no further information.

CHIN2.1 ENSURE SUFFICIENT WATER FOR FISH INCLUDING VIA INSTREAM FLOW RULES.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN2.2 INITIATE DISCUSSIONS AND IDENTIFY SPECIFIC ACTIONS AROUND WATER SCIENCE, MANAGEMENT AND CONSERVATION.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN2.3 PLAN FOR FUTURE NEEDS AND CHANGING CLIMATE AND ECOSYSTEM CONDITIONS: PROTECT AND IMPROVE, WHERE NEEDED, THE WATER HOLDING CAPACITY OF WATERSHED UPLANDS TO INCREASE GROUNDWATER, AUGMENT SUMMER LOW FLOWS AND REDUCE FLOOD RISK

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN2.4 EFFECTIVELY IMPLEMENT AND ENFORCE EXISTING REGULATIONS AND REPORT PERIODICALLY.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN2.5 ADDRESS AND MANAGE WATER QUALITY PARAMETERS, INCLUDING:

- EXCESS NUTRIENT LOADING (SUCH AS NITROGEN) FOR ALL SOURCES, AND WITH SPECIFIC ATTENTION TO PATHWAYS ASSOCIATED WITH WASTEWATER TREATMENT OUTFALLS
- ELEVATED TEMPERATURES
- SEDIMENT

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN2.6 INCENTIVIZE AND ACCELERATE STORMWATER MANAGEMENT FOR NEW AND EXISTING DEVELOPMENT.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein. Land use and habitat protection also are discussed in sections on prairie oak woodlands, forests and freshwater, and shorelines.

CHIN3.1 DEVELOP A WHITE PAPER REVIEW OF ALL RECENT SCIENCE AND STUDIES OF PINNIPED PREDATION ON JUVENILE, SUB ADULT, AND ADULT SALMON, AND INCLUDE A SECTION ON POTENTIAL MANAGEMENT OPTIONS.

Applicable, no further information.

CHIN3.2 IDENTIFY CONTRIBUTING FACTORS THAT EXACERBATE PREDATION AND MORTALITY AND IMPLEMENT SOLUTIONS.

Applicable, no further information.

CHIN4.1 EMPHASIZE FUNDING SUPPORT FOR EFFORTS THAT BUILD OUR UNDERSTANDING OF ECOLOGICAL INTERACTIONS THAT LIKELY INFLUENCE HOW PUGET SOUND CHINOOK POPULATIONS PERFORM.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.2 IMPROVE MONITORING OF POLLUTANTS (SUCH AS METALS, HYDROCARBONS, PAHS, PBDES) ASSOCIATED WITH STORMWATER AND OTHER SOURCES. THESE POINT OR NONPOINT SOURCES NEED TO BE IDENTIFIED AND ASSESSED TO IMPROVE OUR UNDERSTANDING OF THEIR IMPACTS TO SALMON RESOURCES.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.3 SUPPORT EFFORTS THAT IMPROVE OUR KNOWLEDGE OF THINGS INTEGRAL TO MANAGING CHINOOK AND STEELHEAD AND TRACKING THEIR RECOVERY, INCLUDING CO-MANAGER (WDFW, TRIBES) FISH IN / FISH OUT MONITORING OF NATAL CHINOOK POPULATIONS, HABITAT STATUS AND TRENDS MONITORING THROUGHOUT PUGET SOUND, AND COMPREHENSIVE JUVENILE CHINOOK RESTORATION EFFECTIVENESS MONITORING LINKED TO THE RESTORATION STRATEGIES AND GOALS IN WATERSHED RECOVERY PLANS.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.4 INVEST IN MAKING BETTER ESTIMATES SO WE CAN BETTER MANAGE AND RECOVER CHINOOK.
- INVEST FUNDING AND CAPACITY TO IMPROVE ACCURACY AND PRECISION FOR CHINOOK POPULATIONS WHERE STATUS AND TRENDS ESTIMATES OF KEY LIFE STAGES (SUCH AS, ESCAPEMENT, JUVENILE MIGRANTS, ETC.) ARE LACKING, OR HIGHLY UNCERTAIN.
- EVALUATE EXISTING WATERSHED-SCALE EFFORTS FOR “LESSONS LEARNED” ON ACTIONS THAT HAVE BEEN SUCCESSFUL—OR NOT SUCCESSFUL. SHARE INFORMATION AND CONCLUSIONS WITH ALL WATERSHED-SCALE EFFORTS FOR ADAPTIVE MANAGEMENT OF THEIR PROGRAM IMPLEMENTATION.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.5 ALIGN RECOVERY ENDPOINTS TO CHINOOK BIOLOGY AND HOW RECOVERY ACTIONS ARE REALLY IMPLEMENTED.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.6 DEVELOP A FRAMEWORK TO DETERMINE HOW SALMON ARE RESPONDING TO CURRENT HABITAT PROTECTION, RESTORATION, AND MANAGEMENT ACTIONS.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.7 DEVELOP A BETTER UNDERSTANDING OF THE CAUSES OF POOR MARINE SURVIVAL OF STEELHEAD (AND CHINOOK AND OTHER SPECIES) IN PUGET SOUND THROUGH SUPPORT OF THE [SALISH SEA MARINE SURVIVAL PROJECT'S RESEARCH PROGRAM](#)

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.8 EVALUATE POTENTIAL THREATS FROM EMERGING CONTAMINANTS OF CONCERN FROM WASTEWATER AND STORMWATER AS THEY RELATE TO SALMON AND THEIR FOOD WEB.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.9 INCORPORATE TRADITIONAL KNOWLEDGE INTO SCIENCE AND MONITORING EFFORTS.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.10 IMPROVE FORECASTING OF CLIMATE CHANGE IMPACTS ON SALMON.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN4.11 CREATE OPEN AND SHARED GEOREFERENCED DATABASE, CLEARINGHOUSE, AND/OR ROADMAP OF SCIENCE AND MONITORING DATA.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN5.1 ASSESS RISK OF CLIMATE CHANGE TO SALMON RECOVERY AND SHARE ASSESSMENT(S) AND ANALYSIS WITH WATERSHEDS TO INCORPORATE INTO PLANNING PROCESSES.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN5.2 INTEGRATE CLIMATE CHANGE ADAPTATION FRAMEWORK TO SALMON HABITAT RESTORATION PLANS IN PUGET SOUND.

[South Sound Strategy pp 110-113](#) and local salmon recovery plans referenced therein.

CHIN5.3	INTEGRATE CLIMATE CHANGE GUIDANCE WHEN REVIEWING AND EVALUATING PROJECT PROPOSALS FOR RESTORATION PROJECTS.
South Sound Strategy pp 110-113 and local salmon recovery plans referenced therein.	
CHIN6.1	ASSESS AND IMPLEMENT ADDITIONAL PREVENTATIVE AND PROACTIVE MEASURES TO REDUCE THE RISK OF VESSEL COLLISION AND GROUNDING.
South Sound Strategy pp 110-113 and local salmon recovery plans referenced therein.	
CHIN6.2	STRENGTHEN LOCAL OIL SPILL PREPAREDNESS AND RESPONSE PLANS; INTEGRATE WITH FEDERAL, STATE, AND TRIBAL PROGRAMS AND PLANNING; AND ALLOCATE RESOURCES.
South Sound Strategy pp 110-113 and local salmon recovery plans referenced therein.	
CHIN7.1	PROTECT AND/OR RESTORE CRITICAL HABITAT FOR SALMON POPULATIONS.
South Sound Strategy pp 110-113 and local salmon recovery plans referenced therein.	
CHIN8.1	UPDATE THE PUGET SOUND SALMON RECOVERY PLAN CHAPTERS AND STEELHEAD PLAN CHAPTERS.
South Sound Strategy pp 110-113 and local salmon recovery plans referenced therein.	

Regional Priorities for the Floodplains Vital Sign	
FP1.1	GAIN A BETTER UNDERSTANDING OF CURRENT HABITAT CONDITIONS.
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	
FP1.2	GAIN A BETTER UNDERSTANDING OF THE SOCIAL, ECONOMIC, AND POLITICAL FACTORS CURRENTLY AFFECTING HABITAT.
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	
FP1.3	GAIN A BETTER UNDERSTANDING OF HOW HABITAT MAY CHANGE IN THE FUTURE DUE TO PRESSURES LIKE CLIMATE CHANGE AND POPULATION GROWTH.
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

FP1.4	GAIN A BETTER UNDERSTANDING OF FUTURE SOCIAL, ECONOMIC, AND POLITICAL FACTORS (SUCH AS POPULATION GROWTH) THAT WILL AFFECT HABITAT.
Applicable, no additional info.	

FP1.5	INCREASE HUMAN AND TECHNICAL CAPACITY OF STAFF FOR PLANNING, IMPLEMENTATION, AND ENFORCEMENT
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

FP2.1	COLLABORATIVE, MULTI-BENEFIT GROUPS DEVELOP A PLAN THAT PRIORITIZES LOCATIONS TO RESTORE OR PROTECT
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

FP2.2	ADDRESS BARRIERS TO IMPROVE IMPLEMENTATION PLANS, POLICIES, AND REGULATIONS
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

FP3.1	DEVELOP AND IMPLEMENT OUTREACH, EDUCATION, AND/OR INCENTIVE PROGRAMS
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

FP3.2	IMPLEMENT PLANS AND PRIORITIES TO PROTECT HABITAT
AHSS encourages projects that lead directly to protection of naturally-functioning floodplains. http://www.healthysouthsound.org/south-sound-strategy/	

FP3.3	IMPLEMENT PLANS AND PRIORITIES TO RESTORE HABITAT
AHSS encourages projects that lead directly to restoration of floodplain connectivity and function. http://www.healthysouthsound.org/south-sound-strategy/	

FP3.4	COLLECT AND ANALYZE DATA TO ADAPTIVELY MANAGE RECOVERY PRACTICES
Applicable, no additional info. http://www.healthysouthsound.org/south-sound-strategy/	

Regional Priorities for the Estuaries Vital Sign

EST1.1	GAIN A BETTER UNDERSTANDING OF CURRENT HABITAT CONDITIONS.
AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/	

EST1.2	GAIN A BETTER UNDERSTANDING OF THE SOCIAL, ECONOMIC, AND POLITICAL FACTORS CURRENTLY AFFECTING HABITAT.
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries.
EST1.3	GAIN A BETTER UNDERSTANDING OF HOW HABITAT MAY CHANGE IN THE FUTURE DUE TO PRESSURES LIKE CLIMATE CHANGE AND POPULATION GROWTH.
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST1.4	GAIN A BETTER UNDERSTANDING OF FUTURE SOCIAL, ECONOMIC, AND POLITICAL FACTORS (SUCH AS POPULATION GROWTH) THAT WILL AFFECT HABITAT.
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST1.5	INCREASE HUMAN AND TECHNICAL CAPACITY OF STAFF FOR PLANNING, IMPLEMENTATION, AND ENFORCEMENT
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST2.1	COLLABORATIVE, MULTI-BENEFIT GROUPS DEVELOP A PLAN THAT PRIORITIZES LOCATIONS TO RESTORE OR PROTECT
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST2.2	ADDRESS BARRIERS TO IMPROVE IMPLEMENTATION PLANS, POLICIES, AND REGULATIONS
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries. Agriculture does not occur in the largest estuaries in the South Sound but does/could in smaller estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST3.1	DEVELOP AND IMPLEMENT OUTREACH, EDUCATION, AND/OR INCENTIVE PROGRAMS
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries. http://www.healthysouthsound.org/south-sound-strategy/
EST3.2	IMPLEMENT PLANS AND PRIORITIES TO PROTECT HABITAT
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries.
EST3.3	IMPLEMENT PLANS AND PRIORITIES TO RESTORE HABITAT
	AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries. Implementation of restoration projects for estuaries is a priority for AHSS.

EST3.4	COLLECT AND ANALYZE DATA TO ADAPTIVELY MANAGE RECOVERY PRACTICES
AHSS interprets this to apply to “delta scale” work and similar work on smaller estuaries. South Sound Strategy pp 60-69 maps large and small priority estuaries.	

Regional Priorities for the Land Development and Cover Vital Sign	
LDC1.1	GAIN A BETTER UNDERSTANDING OF CURRENT HABITAT CONDITIONS.
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC1.2	GAIN A BETTER UNDERSTANDING OF THE SOCIAL, ECONOMIC, AND POLITICAL FACTORS CURRENTLY AFFECTING HABITAT.
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC1.3	GAIN A BETTER UNDERSTANDING OF FUTURE SOCIAL, ECONOMIC, AND POLITICAL FACTORS (SUCH AS POPULATION GROWTH) THAT WILL AFFECT HABITAT.
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC1.4	INCREASE HUMAN AND TECHNICAL CAPACITY OF STAFF FOR PLANNING, IMPLEMENTATION, AND ENFORCEMENT
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC2.1	COLLABORATIVE, MULTI-BENEFIT GROUPS DEVELOP A PLAN THAT PRIORITIZES LOCATIONS TO RESTORE OR PROTECT
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC2.2	ADDRESS BARRIERS TO IMPROVE IMPLEMENTATION PLANS, POLICIES, AND REGULATIONS
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC3.1	DEVELOP AND IMPLEMENT OUTREACH, EDUCATION, AND/OR INCENTIVE PROGRAMS
South Sound Strategy pp 32-37 describes priorities for prairie & oak woodland; pp 38-55 describes priorities for forest cover, fw riparian, and fish passage barriers. http://www.healthysouthsound.org/south-sound-strategy/	
LDC3.2	IMPLEMENT PLANS AND PRIORITIES TO PROTECT HABITAT

[South Sound Strategy pp 32-37](#) describes priorities for prairie & oak woodland; [pp 38-55](#) describes priorities for forest cover, fw riparian, and fish passage barriers.
<http://www.healthysouthsound.org/south-sound-strategy/>

LDC3.3 IMPLEMENT PLANS AND PRIORITIES TO RESTORE HABITAT

[South Sound Strategy pp 32-37](#) describes priorities for prairie & oak woodland; [pp 38-55](#) describes priorities for forest cover, fw riparian, and fish passage barriers. Active restoration is a priority for AHSS.
<http://www.healthysouthsound.org/south-sound-strategy/>

LDC3.4 COLLECT AND ANALYZE DATA TO ADAPTIVELY MANAGE RECOVERY PRACTICES

[South Sound Strategy pp 32-37](#) describes priorities for prairie & oak woodland; [pp 38-55](#) describes priorities for forest cover, fw riparian, and fish passage barriers.

Local Context for Shoreline Armoring Vital Sign Regional Priorities

SA1.1 GAIN A BETTER UNDERSTANDING OF CURRENT HABITAT CONDITIONS.

[South Sound Strategy pp 72-80](#) describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
<http://www.healthysouthsound.org/south-sound-strategy/>

SA1.2 GAIN A BETTER UNDERSTANDING OF THE SOCIAL, ECONOMIC, AND POLITICAL FACTORS CURRENTLY AFFECTING HABITAT.

[South Sound Strategy pp 72-80](#) describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
<http://www.healthysouthsound.org/south-sound-strategy/>

SA1.3 GAIN A BETTER UNDERSTANDING OF HOW HABITAT MAY CHANGE IN THE FUTURE DUE TO PRESSURES LIKE CLIMATE CHANGE AND POPULATION GROWTH.

[South Sound Strategy pp 72-80](#) describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
<http://www.healthysouthsound.org/south-sound-strategy/>

SA1.4 GAIN A BETTER UNDERSTANDING OF FUTURE SOCIAL, ECONOMIC, AND POLITICAL FACTORS (SUCH AS POPULATION GROWTH) THAT WILL AFFECT HABITAT.

[South Sound Strategy pp 72-80](#) describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
<http://www.healthysouthsound.org/south-sound-strategy/>

SA1.5 INCREASE HUMAN AND TECHNICAL CAPACITY OF STAFF FOR PLANNING, IMPLEMENTATION, AND ENFORCEMENT

[South Sound Strategy pp 72-80](#) describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
<http://www.healthysouthsound.org/south-sound-strategy/>

SA2.1	COLLABORATIVE, MULTI-BENEFIT GROUPS DEVELOP A PLAN THAT PRIORITIZES LOCATIONS TO RESTORE OR PROTECT
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas. http://www.healthysouthsound.org/south-sound-strategy/
SA2.2	ADDRESS BARRIERS TO IMPROVE IMPLEMENTATION PLANS, POLICIES, AND REGULATIONS
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
SA3.1	DEVELOP AND IMPLEMENT OUTREACH, EDUCATION, AND/OR INCENTIVE PROGRAMS
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.
SA3.2	IMPLEMENT PLANS AND PRIORITIES TO PROTECT HABITAT
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas. Implementation of protection and restoration actions are a priority for AHSS.
SA3.3	IMPLEMENT PLANS AND PRIORITIES TO RESTORE HABITAT
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas. Implementation of protection and restoration actions are a priority for AHSS.
SA3.4	COLLECT AND ANALYZE DATA TO ADAPTIVELY MANAGE RECOVERY PRACTICES
	South Sound Strategy pp 72-80 describes priorities for feeder bluffs and shoreline armoring including mapped priority areas.

Local Context for Shellfish Beds Vital Sign	
SHELL1.1	PROTECT INTACT MARINE ECOSYSTEMS, PARTICULARLY IN SENSITIVE AREAS AND FOR SENSITIVE SPECIES
	South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.2	CONTROL WASTEWATER AND OTHER SOURCES OF POLLUTION FROM BOATS AND VESSELS
	South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.3	INCREASE COMPLIANCE WITH AND ENFORCEMENT OF ENVIRONMENTAL LAWS, REGULATIONS AND PERMITS

South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.4 PROMOTE VOLUNTARY AND INCENTIVE-BASED PROGRAMS THAT HELP WORKING FARMS CONTRIBUTE TO PUGET SOUND RECOVERY
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.5 ENSURE COMPLIANCE WITH REGULATORY PROGRAMS DESIGNED TO REDUCE, CONTROL OR ELIMINATE POLLUTION FROM WORKING FARMS.
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.6 EFFECTIVELY MANAGE AND CONTROL POLLUTION FROM SMALL ONSITE SEWAGE SYSTEMS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.7 EFFECTIVELY MANAGE AND CONTROL POLLUTION FROM LARGE OSS.
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.8 IMPROVE AND EXPAND FUNDING FOR SMALL ONSITE SEWAGE SYSTEMS (OSS) AND LOCAL OSS PROGRAMS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.9 IMPROVE WATER QUALITY TO PREVENT DOWNGRADES AND ACHIEVE UPGRADES OF IMPORTANT CURRENT TRIBAL, COMMERCIAL AND RECREATIONAL SHELLFISH HARVESTING AREAS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.10 SUPPORT IMPLEMENTATION OF TOTAL MAXIMUM DAILY LOAD (TMDL) STUDIES AND OTHER NECESSARY WATER CLEANUP PLANS FOR PUGET SOUND TO SET POLLUTION DISCHARGE LIMITS AND DETERMINE RESPONSE STRATEGIES TO ADDRESS WATER QUALITY IMPAIRMENTS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.11 DEVELOP AND IMPLEMENT LOCAL AND TRIBAL POLLUTION IDENTIFICATION AND CORRECTION (PIC) PROGRAMS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.12 *RESTORE AND ENHANCE NATIVE SHELLFISH POPULATIONS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.13 *ENSURE ENVIRONMENTALLY SUSTAINABLE SHELLFISH AQUACULTURE BASED ON SOUND SCIENCE
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.14 *RESEARCH AND IMPLEMENT MONITORING TO UNDERSTAND THE SPECIFIC ENVIRONMENTAL CONDITIONS THAT PRODUCE HARMFUL ALGAL BLOOMS (HABS) AND PATHOGEN EVENTS
South Sound Strategy pp 104-109 describes work to reopen downgraded growing areas; pp 86-103 describe efforts to improve fresh and marine water quality.
SHELL1.15 *SUPPORT AND EXPAND MARINE BIOTOXIN MONITORING

South Sound Strategy [pp 86-103](#) describe efforts to improve fresh and marine water quality.

SHELL1.16 *EMBRACE STRATEGIES TO ADDRESS OCEAN ACIDIFICATIONS IMPACTS ON

[South Sound Strategy pp 104-109](#) describes work to reopen downgraded growing areas; [pp 86-103](#) describe efforts to improve fresh and marine water quality.

*NOTE APPROACHES SHELL1.12- 1.16 ARE NOT PRIORITY APPROACHES IN THE SHELLFISH BED IMPLEMENTATION STRATEGY BUT ARE IMPORTANT TO SHELLFISH RECOVERY BROADLY (PREVIOUSLY TIER 2 2016 ACTION AGENDA SUB-STRATEGIES). PROPONENTS INTERESTED IN A PROJECT THAT ALIGNS WITH APPROACHES 1.12-1.16 MUST DEMONSTRATE A LINKAGE OR ALIGNMENT TO AN APPROACH IN 1.1-1.11.

Local Context for Freshwater Vital Sign, B-IBI Indicator Regional Priorities

B-IBI1.1 INCREASE LOCAL CAPACITY TO MANAGE STORMWATER PROGRAMS.

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality.

B-IBI2.1 PROVIDE EDUCATION AND INCENTIVES FOR LEGACY RETROFITS.

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality.

B-IBI3.1 FACILITATE THE INCREASED USE OR PERFORMANCE OF BEST MANAGEMENT PRACTICES IN WORKING/RURAL LANDS.

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality.

B-IBI4.1 IDENTIFY STRATEGIES AND APPROACHES TO REDUCE THE IMPACTS FROM FORESTRY ON FRESHWATER QUALITY.

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality.

B-IBI5.1 CONDUCT WATERSHED-SCALE PLANNING TO PROTECT AND RESTORE WATER QUALITY.

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality.

Local Context for Toxics in Fish Vital Sign Regional Priorities

TIF1.1 ENHANCE POLLUTANT REDUCTION PROGRAMS, CORRECTIVE MEASURES AND INCREASE AUTHORITIES AND PROGRAMS TO PREVENT TOXIC CHEMICALS FROM ENTERING PUGET SOUND.

Applicable, no additional information.

TIF2.1 ADDRESS STORMWATER TREATMENT

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality including stormwater efforts.

TIF3.1 PROVIDE INFRASTRUCTURE AND INCENTIVES TO ACCOMMODATE NEW DEVELOPMENT AND RE-DEVELOPMENT WITHIN DESIGNATED URBAN CENTERS IN URBAN GROWTH AREAS (UGA).

Applicable, no additional information.

TIF4.1 USE A SOURCE CONTROL APPROACH TO ASSESS AND REGULATE LOCAL SOURCES OF AIR POLLUTION

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality including stormwater efforts.

TIF5.1 CONTINUE DEVELOPING AN IMPLEMENTATION STRATEGY FOR THE TOXICS IN FISH VITAL SIGN

[South Sound Strategy pp 86-96](#) describe efforts to improve fresh water quality including stormwater efforts.