

RED LAKE WATERSHED DISTRICT WATER QUANTITY GOAL PLANNING WORKSHEET
UPPER RED LAKE

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Reduce peak flows from the RLRC EGF and GM by 10 percent		Ag flooding	Set back levees along ditch systems and Red Lake River, redefine channel via channel restoration	
Reduce runoff volume contributing to peak flows by 20,000 ac-ft.				
Special projects – Actively seek and identify projects to implement based upon problems identified by stakeholders.		Review county ditches specifically CD#1, CD#38, 54 (Star)	Ditch improvements culvert sizing work with county ditch authorities to aid them in the legal process	RLWD counties
Educate – Develop an outreach program that promotes an understanding of the policies and activities of the RLWD.				
Floodplain – participate in floodplain management programs affecting urban and agricultural areas.		Smiley Bridge; Sherwood Forest; (CSP) Conservation Program or other	Flood-proofing levee system; restore wetlands buffer strip	DNR, RLWD, landowners, NRCS, RLWD

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RED LAKE WATERSHED WATER QUALITY GOAL PLANNING WORKSHEET
UPPER RED LAKE

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Increased knowledge of sources that cause water quality problems.				
Improve Public Education		Filter strips	Improve education and outreach programs; promote conservation security program; CREP; EQIP; Riverwatch – maintain and expand existing program	BWSR; SWCD; NRCS Schools
Improve Interagency Cooperation		Water quality is good	Improve inter-agency cooperation; look for opportunities to jointly fund and participate in projects	DNR; BWSR; MPCA; USACE
Improve Project Implementation				

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RED LAKE WATERSHED EROSION GOAL PLANNING WORKSHEET
UPPER RED LAKE RIVER

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Reduced agricultural erosion.		Upper Red Lake River		
Decreased sediment to lakes, streams, rivers, drainage systems.		Upper Red Lake River	Buffer strips; BMPs; assisting in reducing bounce that may affect river and ditch bank failures	NRCS; SWCD; RLWD
Increased use of agricultural Best Management Practices.				
Increased public understanding.			Review operating plan for dam at outlet of Red Lakes	USACE; County Board; Tribe; MnDNR; RLWD
Increased interagency cooperation.		Upper Red River		
To be cost effective and to leverage to the extent practical limited resources.				

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RED LAKE WATERSHED NATURAL RESOURCES GOAL PLANNING WORKSHEET

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Maintain existing quality habitats (watercourses, wetlands, lakes, grasslands, brushlands)				
Enhance the quality of existing habitats (watercourses, wetlands, lakes, grasslands, brushlands)		Upper Red Lake River	Fish ladder, etc. at outlet of Red Lake * see Recreation section	USACE; RLWD; Tribe; USFW; DNR
Increase the quantity of quality habitats				
Educate folks on the functions and value of existing fish and wildlife habitat with inference to how it can be compatible with FDR.				
Support recreational use of resources.		Upper Red Lake – Active participation of the Red River Corridor folks & assisting them in studies and endeavors	Review operating plan of COE for outflows of water to Red Lake River via dam at Red Lake	USACE; Tribe; RLRCE

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RED LAKE WATERSHED WATER QUANTITY GOAL PLANNING WORKSHEET

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Reduce peak flows from the RLRC EGF and GM by 10 percent	Crookston Flooding		1 – Upstream storage 2 – Land use change 3 – Investigate influence of tiling	
Reduce peak flows from the RLRC EGF and GM by 10 percent	Browns Creek		Investigate options – clean out with sediment control in upper WS	
Reduce runoff volume contributing to peak flows by 20,000 ac-ft.				
Special projects – Actively seek and identify projects to implement based upon problems identified by stakeholders.				
Educate – Develop an outreach program that promotes an understanding of the policies and activities of the RLWD.				
Floodplain – participate in floodplain management programs affecting urban and agricultural areas.				
Widespread flooding throughout no large discrete area				

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RED LAKE WATERSHED WATER QUALITY GOAL PLANNING WORKSHEET

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Increased knowledge of sources that cause water quality problems.		LRLR	Develop & implement WQ monitoring/continue existing; Evaluate existing WQ monitoring	Counties, RRWMB, PCA
Improve Public Education		LRLR	Continue Riverwatch	
Improve WQ		LRLR		
Improve Interagency Cooperation		LRLR	Host annual RLWD water quality summit	
Improve Project Implementation		LRLR		
Reduce H2S input from Thief		LRLR		
Test for other constituents			Get state Dept. of Ag. to test for pest/herb/fungicide	
			Support tile water quality monitoring research	

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The WQ goals for LRLR align well with overall watershed. Specific goals and activities.

Please talk with Beth regarding source water protection issues, so that this can be included in the narrative/introduction.

Recognize cities that have completed ore are developing wellhead protection plans.

Support Farm Security program.

RED LAKE WATERSHED EROSION GOAL PLANNING WORKSHEET

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Reduced agricultural erosion.	Bank sloughing		improve all ditch systems (side inlets, buffers/filterstrip, windbreaks); consider tile vs. surface drainage; get back from river (bank sloughing)	
Decreased sediment to lakes, streams, rivers, drainage systems.			refer to county plans for specific areas of erosion have erosion be part of WQ summit; stabilize stream banks and beds	
Increased use of agricultural Best Management Practices.				
Increased public understanding.			educate and support CSP	
Increased interagency cooperation.				
To be cost effective and to leverage to the extent practical limited resources.				

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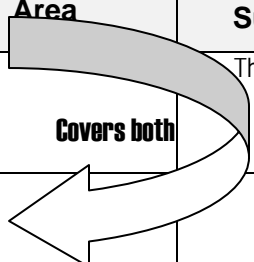
RED LAKE WATERSHED NATURAL RESOURCES GOAL PLANNING WORKSHEET

Goal Statement	Priority Issues <i>(What is this goal addressing?)</i>		Strategies	Partners
	Area	Subwatershed		
Maintain existing quality habitats (watercourses, wetlands, lakes, grasslands, brushlands)				
Enhance the quality of existing habitats (watercourses, wetlands, lakes, grasslands, brushlands)				
Increase the quantity of quality habitats				
Educate folks on the functions and value of existing fish and wildlife habitat with inference to how it can be compatible with FDR.				
Support recreational use of resources.				

The stuff is okay in the worksheet on Page 9.

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	Area	Subwatershed		
Reduce peak flows from the RLRC EGF and GM by 10 percent	 Covers both	Thief River	Ditch maintenance, dry impoundments, controlled diversions, land use	"Everyone gets along"
Reduce runoff volume contributing to peak flows by 20,000 ac-ft.				
Special projects – Actively seek and identify projects to implement based upon problems identified by stakeholders.		Thief River	Back to first page	
Educate – Develop an outreach program that promotes an understanding of the policies and activities of the RLWD.		Thief River	RLWD newsletter (in conjunction with Extension?)/Informational meeting?	
Floodplain – participate in floodplain management programs affecting urban and agricultural areas.				

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