



**PRESIDENT CHURE-TERAI MADHESH CONSERVATION DEVELOPMENT BOARD
PROGRAM IMPLEMENTATION UNIT**



SALAKPUR, MORANG



ACTIVITY PROFILE

2077/078

OUT OF RIVER SYSTEM

1.	Name of Activity: Construction of Nursury/ Greenhouse					
2.	Name of Program: Construction of Nursury/Polyhouse/ Greenhouse/Shadehouse					
3.	Location: Sundarharaicha Na.Pa.	Ward: 8	Place: Salakpur Sub-division forest office Compound	F/Y: 2077/78		
4.	Name of River System:					
5.	GPS Coordinate: E 87 ⁰ 21'58'' N 26 ⁰ 39'59''					
6.	Cost:- a) Estimated:					
Office: 961801/-		User:		Others:		Total: 1001801/- (Including Contingency)
b) Actual Expenditure:						
Office:		User:		Others:		Total: 920874 /-(Including VAT)
7.	Objectives:	<ul style="list-style-type: none"> To construct the Nursury and Greenhouse For the Production of seedling 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Nursury bed is constructed inside the Steel framework shade. Covered with green Net to make Green House. 				
9.	Implementation process:	Invitation for sealed Quotation. Agreement with Contractor.				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Others:
13.	Employment Generated:	350 md				
14.	Problem faced:	<ul style="list-style-type: none"> 				
15.	Maintenance / Sustainability:	No maintainance fund is there .				
16.	Lesson learned:					
17.	Other:	Contractor's Name: Sawana Nirman sewa Propriotor's Name : Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Plantation and Fencing				
2.	Name of Program: Hot-spot Fencing And Plantation.				
3.	Location: Belaka Na.Pa.	Ward: 9	Place: Dhauri, Khaireni	F/Y: 2077/78	
4.	Name of River System :				
5.	GPS Coordinate: E 87 ⁰ 05'13.00'' N 26 ⁰ 47'47.93''				
6.	Cost:- a) Estimated:				
	Office: 19,24,000/-	User: 3,00,640/74	Others:	Total: 22,24,640/74 (Without Contingency)	
	b) Actual Expenditure:				
	Office: 19,24,000/-	User: 3,00,640/74	Others:	Total: 22,24,640/74	
7.	Objectives:	<ul style="list-style-type: none"> To recover the degraded forest Land. To conserve the biodiversity in the forest. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Barbed wire fencing and Plantation. 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the Posts, barbed wire, seedlings and completed the plantation work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Control the Free Grazing due to fencing. . Conservation of Bio diversity in side the CFUG 			
12.	Benefited HH	Total: 295	Dalit: 14	Janjati: 207	Madhesi: 74 Others:
13.	Employment Generated:	825 mds.			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Tarbar Sahit Punarutpadan Samrakshyan Samiti, Belaka-9, Udayapur. Chair Person: Ranjit Rai Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: Agroforestry plantation,barbed wire fencing					
2.	Name of Program: Agroforestry Program.					
3.	Location: Kerkha,Jhapa.	Ward:	Place: Ratuwamai Brikshya Ropan Aayojan,Kerkha,Jhapa.	F/Y: 2077/78		
4.	Name of River System :					
5.	GPS Coordinate: E 87 ⁰ 45'26.85'' N : 26 ⁰ 40'06.8''					
6.	Cost:- a) Estimated:					
Office: 40,30,043/30		User: 0		Others:		Total: 40,30,043/30
b) Actual Expenditure:						
Office: 40,30,043/30		User: 0		Others:		Total: 40,30,043/30
7.	Objectives:	<ul style="list-style-type: none"> To recover the degraded forest Land. To conserve the biodiversity in the forest. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Barbed wire fencing andPlantation. 				
9.	Implementation process:	According to the agreement, the contractor purchased the Posts, barbed wire,seedlings etc.and completed the plantation work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> Control the Free Grazing due to fencing. . Conservation of Bio diversity in side the CFUG 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Others:
13.	Employment Generated:	1517 mds				
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 				
15.	Maintenance / Sustainability:	No maintainance fund is there but Ratuwamai Plantation Project,Kerkha, Jhapa will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	Awareness creation, empowerment and mobilization of local people is essential before real implementation of the activity.				
17.	Other:	User Group Name/Contractor Name: Aaush Nirman Sewa,Biratnagar 13 ढेक्का पट्टाको सङ्केत: PIU/Salakpurmorang/CW/21/077-078 Propritor: Ramesh Poddar Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

BEFORE



AFTER



1.	Name of Activity: Agroforestry Seedlings purchase and Plantation				
2.	Name of Program: Agroforestry Promotion Program				
3.	Location: Buddhashanti RM.	Ward: 5 and 6	Place: Shantinagar, Jhapa	F/Y: 2077/78	
4.	Name of River System :				
5.	GPS Coordinate:				
6.	Cost:- a) Estimated:				
	Office: 1400458/72	User: 0	Others:	Total: 1400458 /72 (WithoutContingency)	
	b) Actual Expenditure:				
	Office: 1400458/72	User: 0	Others:	Total: 1400458/72	
7.	Objectives:	<ul style="list-style-type: none"> To recover the degraded forest Land. To conserve the biodiversity in the forest. 			
8.	Conservation Measure /	<ul style="list-style-type: none"> Plantation 			
9.	Implementation process:	Tender and User group approach. According to the agreement, contractor purchased the AF seedlings and distributed for plantation work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Control the Free Grazing due to people awareness Conservation of Bio-diversity in side the CFUG 			
12.	Benefited HH	Total: 350	Dalit: 35	Janjati: 165	Madhesi: Others: 150
13.	Employment Generated:	605 md			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Hariom HItech.Nursery Chair Person: Rajesh Baniya (Sah) ढेक्का पट्टाको सङ्केत: PIU/Salakpurnorang/CW/23/077-078 Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: Bamboo Seedlings(Cutting) Purchase and Distribution				
2.	Name of Program: Bamboo Seedlings(Cutting) Purchase and Distribution Progrm				
3.	Location: Triyuga Municipality, Udayapur, Chulachuli Ilam and Arjundhara Municipality,Jhapa.	Ward: Triyuga all ward,Arjundhara ,3,\$ and Chulachuli all Ward.	Place:	F/Y: 2077/78	
4.	Name of River System :				
5.	GPS Coordinate:				
6.	Cost:- a) Estimated:				
	Office: 9,54,850/-	User: 0	Others:	Total: 9,54,850/- (WithoutContingency)	
	b) Actual Expenditure:				
	Office: 9,54,850/-	User: 0	Others:	Total: 9,54,850/- (WithoutContingency)	
7.	Objectives:	<ul style="list-style-type: none"> To recover the degraded forest Land and River bank protection To conserve the biodiversity in the forest. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Plantation 			
9.	Implementation process:	Tender and User group approach. According to the agreement, bamboo cuttings were purchased with the concerned contractor for distribution for plantation work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Control the Free Grazing due to . people awareness Conservation of Bio diversity in side the CFUG 			
12.	Benefited HH	Total: 320	Dalit: 40	Janjati: 170	Madhesi: Others: 110
13.	Employment Generated:	450 md			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Rajan Phalphul Nursery Chair Person: Harendra Sah ढेक्का पढ्ढाको सङ्केत: PIU/Salakpurmorang/CW/22/077-078 Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: PCC Work, Interlock Cement block laying				
2.	Name of Program: Wetland Management and Conservation				
3.	Location: Ratuwamai Municipality	Ward: 05	Place: Sunbarshi Pokharicomound	F/Y: 2077/78	
4.	Name of River System :				
5.	GPS Coordinate: N : 26.771070		E : 87.662466		
6.	Cost:- a) Estimated:				
Office: 33,80,000/-		User: 4,77,738/56	Others:	Total: 38,57,738/56(Without Contingency)	
b) Actual Expenditure:					
Office: 33,80,000/-		User: 4,77,738/56	Others:	Total: 38,57,738/56(Without Contingency)	
7.	Objectives:	<ul style="list-style-type: none"> To upgrade the existing Sunbarshi Pokhari. To beautify the Sunbarshi Pokhari compound and provide drinking water to birds. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Soaling and PCC work done before laying Interlock Cement block around the pokhari compound. Interlock Cement block was layed around the pond. 			
9.	Implementation process:	Carried out through procurement process by users group .			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Existing pond was upgraded. Water was stored in the pond. 			
12.	Benefited HH	Total: 500	Dalit: 100	Janjati: 300	Madhesi: Others:100
13.	Employment Generated:	1451 mds			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 			
15.	Maintenance / Sustainability:	No maintenance fund is there but will carry out the repairment and maintenance work when required.			
16.	Lesson learned:	Quality was maintained as the work was carried out by construction company which was lacked when done by local User committee.			
17.	Other:	User Group Name: Sunbarshi Maharaj Mandir Dewsthal Pokhari UC.,Govindapur-4,Sunbarshi,Morang. Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

BEFORE



AFTER



1.	Name of Activity:Wetland conservation, Management& beautification					
2.	Name of program : Wetland conservation & Management					
3.	Location :HanumannagarkankaliniMP-01	Ward :01,	Place : Kankalini temple, Saptari	F/Y : 2077/078		
4.	Name of River system :Out of River system					
5.	GPS Coordinate :26.552571 & 86.893438					
6.	Cost :- a) Estimated :					
	Office :3846153.5	User :687341.1131	Others :	Total :4533494.6		
	b) Actual expenditure					
	Office : ३८३५६६५.००	User : ७२२५०८.००	Others :	Total : ४५५८१७३.००		
7.	Objectives :	<ol style="list-style-type: none"> 1. To conservation of Kankalinidaha. 2. To Cleaning of pond. 3. To construct 3 step Chhatghat in western side.. 4. Plantation & earthen dyke maintain. 				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Pond conservation & extension with earthen dyke. • Construction 137m. long three step chhatghat in western side of pond. • Plantation. • Vegetative work. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manages the excavator, other equipment's, materials & manpower for making pond, other works.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Conservation & maintain of historic pond. • Chhatghatestablished. • In total 1750 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 1750	Dalit (T.):3	Janajati:	Madhesi :1500 Others 0	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1644 days generate employment from work.				
14.	Problem faced :	Too much delay in work by UC.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding in essential for pond dyke. Tender process should per sui.				
17.	Other :	User Group Name:श्री १०८ कङ्कालिनी भगवती मन्दिर विकास समिति, हनुमाननगरकङ्कालिनी न..पा०१, सप्तरी Chairperson:रामनारायण मण्डल Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:

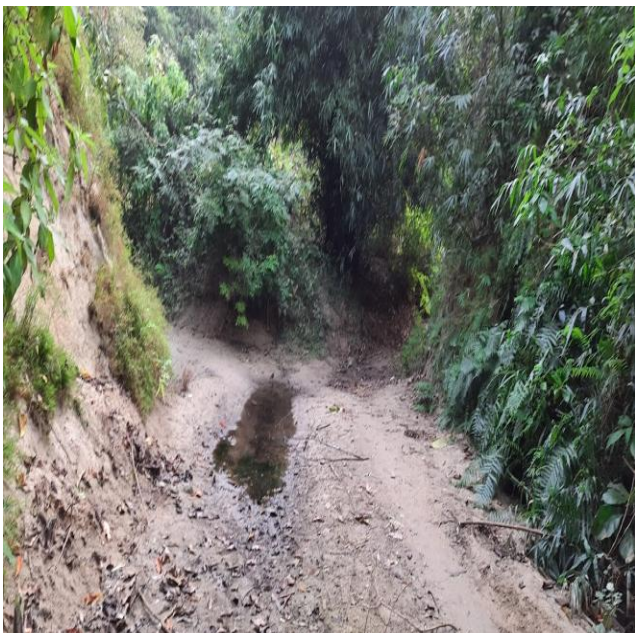


Work after photograph:



1.	Name of Activity :Pond Expansion, Check dam construction & Bamboo plantation					
2.	Name of program : BabaTaalSanrakshan					
3.	Location :Karjanha MP	Ward : 02	PlaceBaba Tal			F/Y : 2077/078
4.	Name of River system :Out of River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :2884614.45	User : 375430.59	Others :	Total :3260045.04		
	b) Actual expenditure					
	Office : 2884614.45	User : 375430.59	Others :	Total : 3260045.04		
7.	Objectives :	1. To expansion of pond area. 2. To construction of check dam. 3. Bio-engineering work.				
8.	Conservation Measure/Technique applied :	Check dam, Pond excavation, Bamboo plantation.				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Control of sedimentation in taal. Expansion of pond area. In total 159 households are benefited from the programmer. Minimized the flood disaster on farm land.				
12.	Benefited HH:	Total : 159	Dalit : 8	Janajati: 07	Madhesi : 19	Others : 126
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1236 days generate employment from work.				
14.	Problem faced :	Users try to ignore technical instruction of office with referencing of higher level power. Users too delaying in work.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan.				
17.	Other :	User Group Name:बाबाताल सुदुडिकरण उपभोक्ता समिति, कर्जन्हा ०२, सिरहा Chairperson :ManojkumarMagar Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



4.	Name of River system :Out of River system					
5.	GPS Coordinate :26.741893& 086.983052					
6.	Cost :- a) Estimated :					
	Office :4572358.72		User :571999.66		Others :	Total :5144358.38
	b) Actual expenditure					
	Office : ४५७२२९८.००		User : ५७२२३५.००		Others :	Total : ५१४४४५३.००
7.	Objectives :	5. To conservation of wetland. 6. To construction of 106m.x101mX1.8m. Size pond. 7. To construct earthen dyke &RCC outlet structure. 8. Plantation of fruits &ornamental plants surrounding of pond.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Soil excavation &construction earthen dyke. • RCC Outlet structure. • 136m. long gabion box wall. • Vegetative work. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for wetland conervation.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Conservation of wetland. • Prepare a 106m.x101mX1.8m. Size pond new pond. • Construction of 136m. Long gabion box retaining wall with geo-textile & back filling.. • In total 525 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 450	Dalit (T.): 15	Janajati:333	Madhesi : 42	Others : 135
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding in essential for pond dyke. RCC outlet dam should per sui.				
17.	Other :	User Group Name:बेलका जनशक्ति सामुदायिक वनस्पभोक्ता समिति, बेलका १, उदयपुर Chairperson:बाबुनाथ चौधरी Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity: Plantation work with barbed wire fencing					
2.	Name of program : Plantation with barbed wire fencing					
3.	Location :BelakaMP-	Ward :09, Udayapur	Machhapuchre CF	F/Y : 2077/078		
4.	Name of River system :Out of River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :1917627.52	User :211136.04	Others :	Total : 2128763.56		
	b) Actual expenditure					
	Office : १८४३८७३	User : २११३७६.००	Others :	Total : २०५५२४६.००		
7.	Objectives :	To plant fruit and forest seedlings. To protect plantation.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> Plantation was done. Barbed wirw fencing was done. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage materials & manpower for plantation and fencing.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Greenary enhanced. Protection for plantation was ensured.Green money will come in future. 				
12.	Benefited HH:	Total(T.) : 295	Dalit (T.): 14	Janajati:207	Madhesi :0	Others : 74
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 790 man days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	People participation is major step to success of the plantation project.				
17.	Other :	User Group Name:Tarbar Sahitko Briksharopan Upabhokta Samaiti Chairperson:Ambar Bahadur Karki Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

AFTER:

Work after photograph:



1.	Name of Activity: Plantation work with barbed wire fencing					
2.	Name of program : Plantation with barbed wire fencing					
3.	Location :Chaudandigadhi MP-	Ward :10, Udayapur	Adarsha and Srijana CF		F/Y : 2077/078	
4.	Name of River system :Out of River system					
5.	GPS Coordinate : 86.818915, 26.776052					
6.	Cost :- a) Estimated :					
	Office :1832373.3	User :198326.6	Others :	Total :2030669.9		
	b) Actual expenditure					
	Office : १७६१८९६.००	User : १९८३२६.००	Others :	Total : १९६०२२४		
7.	Objectives :	To plant fruit and forest seedlings. To protect plantation.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Plantation was done. • Barbed wirw fencing was done. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage materials & manpower for plantation and fencing.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Greenary enhanced. Protection for plantation was ensured.Green money will come in future. 				
12.	Benefited HH:	Total : 210	Dalit:23	Janajati:27	Madhesi : 0	Others : 160
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 755 man days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	People participation is major step to success of the plantation project.				
17.	Other :	User Group Name: Tarbar Sahitko Briksharopan Upabhokta Samaiti Chairperson:Bhaktibilas Pokharel Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

BEFORE

Work after photograph:



TRIYUGA RIVER SYSTEM

1.	Name of Activity :Gulchipahirokhahareroktham					
2.	Name of program : Gully, Landslide & Torrent contro					
3.	Location :SaptakoshiMP	Ward : 01, Saptari	Place :SatrapatraKhola, Phattepur	F/Y : 2077/078		
4.	Name of River system :Tryuga 02 River system					
5.	GPS Coordinate :26.74197 & 086.91737 and 26.74145 & 086.917573					
6.	Cost :- a) Estimated :					
	Office :8542152.82	User :0.00	Others :	Total :8542152.82		
	b) Actual expenditure					
	Office :3558366.00	User : ००	Others :	Total : 3558366.00		
7.	Objectives :	1. To conservation of landslide & gully erosion in Satrapatra River				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Retaining wall • Check dam 				
9.	Implementation process :	Project implemented through e-biding approach.				
10.	Gender/Social consideration :	Bidder selected according law prescription.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • 4 chek dams & 75m. retaining wall are constructed. • In total 500 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 500	Dalit (T.) :	Janajati:0	Madhesi : Others : 0	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1349 days generate employment from work.				
14.	Problem faced :	Local people too much hampered during the construction phase.				
15.	Maintenance sustainability :	Contractor should responsible for maintenance in duration of agreement cover.				
16.	Lesson learned :	Too much bitter experience.				
17.	Other :	User Group Name:रोयल निर्माण सेवा, डिल्ली बजार, काठमाडौं Chairperson :महेन्द्र प्रधान Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :Gulchipahirokhahareroktham				
2.	Name of program : Gully, Landslide & Torrent contro				
3.	Location :TriyugaMP	Ward : 03, Udayapur	Place :PurbaThadi (Thadikhola)	F/Y : 2077/078	
4.	Name of River system :Tryuga -2 River system				
5.	GPS Coordinate :26.75628 & 86.724181				
6	Cost :- a) Estimated :				
Office :1923049.31		User :323530.69	Others :	Total :2241072.95	
b) Actual expenditure					
Office :१९२३०४९.३१		User :४३०३१३.००	Others :	Total : २३५३३६१.००	
7.	Objectives :	1. To control of torrent cutting.			
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Earthen dam • Launching & Pitching (Gabion box & bolder). • Vegetative work. Grass sodding. 			
9.	Implementation process :	Users committee.			
10.	Gender/Social consideration :	Inclusive approach.			
11.	Effect/Impact :	<ul style="list-style-type: none"> • 120m. earthen dyke, Launching & pitching. • Vegetative work. • In total 57 households are benefited from the programmer. 			
12.	Benefited HH:	Total(T.) : 57	Dalit (T.) : 7	Janajati:15	Madhesi : Others : 35
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.			
14.	Problem faced :	Special not.			
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.			
16.	Lesson learned :	Grass sodding & Geo-textile is essential for earthen dyke.			
17.	Other :	User Group Name:ठाडीखोला गल्छि खहरे रोकथाम उ.स., त्रियुगा ३, पूर्वठाडी, उदयपुर Chairperson :गोपालबहादुर कार्की Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote			

Work before photograph:



Work after photograph:



1.	Name of Activity :Gulchipahirokhahareroktham					
2.	Name of program : Gully, Landslide & Torrent contro					
3.	Location :TriyugaMP	Ward : 03, Udayapur	Place :Near Ward office(Thadikhola)	F/Y : 2077/078		
4.	Name of River system :Tryuga 02 River system					
5.	GPS Coordinate :26.75628 & 86.724181					
6	Cost :- a) Estimated :					
Office :2884615.19		User :479592.84	Others :	Total :3364208.03		
b) Actual expenditure						
Office :2884591.00		User : ५४००६३.००	Others :	Total : 3424654.00		
7.	Objectives :	1. To control of torrent cutting.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Earthen dam • Spur • Gabion box & bolder • Geo-textile & vegetative work. 				
9.	Implementation process :	Users committee.				
10.	Gender/Social consideration :	Inclusive approach.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • 155m. earthen dyke, Launching & pitching. • 2 Gabion box spur. • Vegetative work. • In total 200 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 200	Dalit (T.) : 40	Janajati:60	Madhesi : Others : 100	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1236 days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding is essential for earthen dyke.				
17.	Other :	User Group Name:ठाडी खोला तटबन्ध निर्माण उपभोक्ता समिति, त्रियुगा ३, उदयपुर Chairperson :दिनेश शाही Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

Work before photograph:

Work after photograph:



1.	Name of Activity :BabiyakholaTatabandha				
2.	Name of program : Rive Bank Stabilization & Management(Bio-eng.)				
3.	Location :TriyugaMP	Ward : 02, Udayapur	Place :Babiyakhola(Mankamnatol)	F/Y : 2077/078	
4.	Name of River system :Tryuga -2 River system				
5.	GPS Coordinate :26.759670 & 86.72857				
6	Cost :- a) Estimated :				
Office :3846149.32		User :944368.81	Others :	Total :4790518.13	
b) Actual expenditure					
Office :३८४६१४८.००		User :९७२३१४.००	Others :	Total : ४८१८४६३.००	
7.	Objectives :	1. To construction of 250m. Long earthen dyke with launching & pitching. 2. To protect river bank.			
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Earthen dam. • Launching & Pitching (Gabion box & bolder). • Vegetative & Grass sodding work. 			
9.	Implementation process :	Users committee.			
10.	Gender/Social consideration :	Inclusive approach.			
11.	Effect/Impact :	<ul style="list-style-type: none"> • 250m. earthen dyke, Launching & pitching. • Vegetative work. • In total 150 households are benefited from the programmer. 			
12.	Benefited HH:	Total(T.) : 150	Dalit (T.) : 17	Janajati: 85	Madhesi : Others : 65
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1648 days generate employment from work.			
14.	Problem faced :	Special not.			
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.			
16.	Lesson learned :	Grass sodding &Geo-textile is essential for earthen dyke.			
17.	Other :	User Group Name:बबियाखोला नदी नियन्त्रण उपभोक्ता समिति., त्रियुगा न. पा. २, मनकामना टोल, उदयपुर Chairperson :रामश्रेष्ठ चौधरी Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote			

Work before photograph:



Work after photograph:



1.	Name of Activity :BabiyakholaTatabandha			
2.	Name of program : Rive Bank Stabilization & Management(Bio-eng.)			
3.	Location :TriyugaMP	Ward : 02, Udayapur	Place :Babiyakhola(NayaBasti)	F/Y : 2077/078
4.	Name of River system :Tryuga -2 River system			
5.	GPS Coordinate :26.75628 & 86.724181			
6	Cost :- a) Estimated :			
Office :1923069.61		User :611477.77	Others :	Total :2534490.08
b) Actual expenditure				
Office :१९२३०६७.००		User :६७३४४.००	Others :	Total : २४९०४९०.००
7.	Objectives :	1. To construction of 1350m. Long earthen dyke with launching & pitching. 2. To protect river bank.		
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Earthen dam. • Launching & Pitching (Gabion box & bolder). • Vegetative & Grass sodding work. 		
9.	Implementation process :	Users committee.		
10.	Gender/Social consideration :	Inclusive approach.		
11.	Effect/Impact :	<ul style="list-style-type: none"> • 130m. earthen dyke, Launching & pitching. • Vegetative work. • In total 85 households are benefited from the programmer. 		
12.	Benefited HH:	Total(T.) : 85	Dalit (T.) : 15	Janajati:45 Madhesi : Others : 25
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.		
14.	Problem faced :	Special not.		
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.		
16.	Lesson learned :	Grass sodding &Geo-textile is essential for earthen dyke.		
17.	Other :	User Group Name:बबिया खोला तटबन्धन निर्माण उपभोक्ता समिति., त्रियुगा न. पा. २, नयाँबस्ती, उदयपुर Chairperson :चन्द्रबहादुर आलेमगर Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote		

Work before photograph:

Work after photograph:



1.	Name of Activity :PharsetKholaTatabandha				
2.	Name of program : Rive Bank Stabilization & Management(Bio-eng.)				
3.	Location :TriyugaMP	Ward :04, Udayapur	Place :Pharsetkhola(Thadikhola)	F/Y : 2077/078	
4.	Name of River system :Tryuga -2 River system				
5.	GPS Coordinate :26.75628 & 86.724181				
6.	Cost :- a) Estimated :				
Office :1923067.94		User :363892.64	Others :	Total :2287127.24	
b) Actual expenditure					
Office :१९२३०६७.००		User :५६१४३०.००	Others :	Total : २४८४७८२.००	
7.	Objectives :	1. To control of River bank cutting. 2. Protect agriculture land.			
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Earthen dam. • Launching & Pitching (Gabion box & bolder). • Vegetative & Grass sodding work. 			
9.	Implementation process :	Users committee.			
10.	Gender/Social consideration :	Inclusive approach.			
11.	Effect/Impact :	<ul style="list-style-type: none"> • 120m. earthen dyke, Launching & pitching. • Vegetative work. • In total 70 households are benefited from the programmer. 			
12.	Benefited HH:	Total(T.) : 70	Dalit (T.) : 17	Janajati:25	Madhesi : Others : 35
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.			
14.	Problem faced :	Special not.			
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.			
16.	Lesson learned :	Grass sodding &Geo-textile is essential for earthen dyke.			
17.	Other :	User Group Name:फर्सेट खोला नदी नियन्त्रण उपभोक्ता समिति., त्रियुगा न. पा. ४, फर्सेट, उदयपुर Chairperson :गणेशकुमार कटुवाल Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote			

Work before photograph:

Work after photograph:



5.	GPS Coordinate :26.777461 & 086.663312					
6	Cost :- a) Estimated :					
	Office :1923106.12	User :501714.54	Others :	Total :2424820.66		
	b) Actual expenditure					
	Office :१९२३१०९.००	User : ७९९०९८.००	Others :	Total : २७२२९२६.००		
7.	Objectives :	<ul style="list-style-type: none"> To conservation of wetland. To construction of 150m.x54mX2m. Size pond. To construct earthen dyke &RCC outlet structure. Plantation of fruits &ornamental plants surrounding of pond. 				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> Soil excavation &construction earthen dyke. RCC Outlet structure. Plantation. Vegetative work. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Conservation of wetland. Prepare a 150m.x54mX2m. Size pond new pond. Plantation of fruits & other plants. In total 450 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 450	Dalit (T.):35	Janajati:150	Madhesi :20	Others : 245
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding in essential for pond dyke. RCC outlet dam should per sui.				
17.	Other :	User Group Name:रातुखोला सिमसार क्षेत्र पोखरी निर्माणभोक्ता समिति, त्रियुगा २, उदयपुर Chairperson:रामरविलाल राई Site Incharge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



SUNSARI RIVER SYSTEM

1.	Name of Activity:Amah Wetland conservation					
2.	Name of program : Wetland conservation & Management					
3.	Location :BarahakshetraMP-05	Ward :05, Sunsari	PlaceAmahasimsar	F/Y : 2077/078		
4.	Name of River system :Sunsari River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :2402654.00	User :435450.29	Others :	Total :2838104.77		
	b) Actual expenditure					
	Office : २४०२६५५.००	User : ४३५४५०.२९	Others :	Total : २८४१४४५.००		
7.	Objectives :	<ul style="list-style-type: none"> To conservation of wetland. To construction of 242m.x62mX1.568m. Size pond. To constructed 275m. Long earthen dyke &RCC outlet structure. Plantation of fruits &ornamental plants surrounding of pond. Chain link fencing 285m. Long. 				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> Soil excavation &construction earthen dyke. RCC Outlet structure. 275m. long earthen dyke. 285m chain link fencing Vegetative work/plantation. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for wetland conservation.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Conservation of wetland. Prepare a 242m.x62mX1.568m. Size pond new pond. RCC Outlet structure. In total 525 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 450	Dalit (T.): 15	Janajati:333	Madhesi : 42	Others : 135
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1030 days generate employment from work.				
14.	Problem faced :	Special not.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding in essential for pond dyke. RCC outlet dam should per sui.				
17.	Other :	User Group Name:अमाह सामुदायिक वन उपभोक्ता समूह बराहक्षेत्र०५, सुनसरी Chairperson:भोजराज घले Site In charge : Rajdhan Rai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity : Construction of Retaining wall and Lunching Apron					
2.	Name of program : Contruction of Landslide Protection works					
3.	Location : Dharan MP	Ward : 20, Sunsari	Place :Salbote pahiro Sardu Siran	F/Y : 2077/078		
4.	Name of River system :Sunsari River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :10044552.66	User :0.00	Others :	Total :10044552.66		
	b) Actual expenditure					
	Office :4436425.2	User : ००	Others :	Total : 4436425.2		
7.	Objectives :	1. To conservation of Salbote landslide & gully erosion in SarduRiver				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Retaining wall 				
9.	Implementation process :	Project implemented through e-biding approach.				
10.	Gender/Social consideration :					
11.	Effect/Impact :	Some debris deoposited in back side of retaining wall				
12.	Benefited HH:	Total(T.) :	Dalit (T.) :	Janajati:0	Madhesi : Others : 0	
13.	Employment Generate :	This activity generated employment oppportunity for local people. There were 1682 days generate employment from work.				
14.	Problem faced :	Not specified problem.				
15.	Maintenance sustainability :	Contractor should responsible for maintenance in duration of agreement cover.				
16.	Lesson learned :					
17.	Other :	Contractors Name :Suryakunda Engineers and Builders Pvt.Ltd Proprietor's Name :Raju Bohara Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity : Construction of Retaining wall and Lunching Apron					
2.	Name of program : River bank stabilization /Management Programme					
3.	Location : Dharan MP	Ward : 13,16, Sunsari	Place :Sardu Khola	F/Y : 2077/078		
4.	Name of River system :Sunsari River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :11236418.81	User :0.00	Others :	Total : 11236418.81		
	b) Actual expenditure					
	Office :5121324.1	User : ००	Others :	Total : 5121324.1		
7.	Objectives :	1. To Stabilize the embankment of SarduRiver.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Retaining wall, Lunching apron 				
9.	Implementation process :	Project implemented through e-biding approach.				
10.	Gender/Social consideration :					
11.	Effect/Impact :	Some debris deoposited in back side of retaining wall				
12.	Benefited HH:	Total(T.) :	Dalit (T.) :	Janajati:0	Madhesi : Others : 0	
13.	Employment Generate :	This activity generated employment oppportunity for local people. There were 1942 days generate employment from work.				
14.	Problem faced :	Not specified problem.				
15.	Maintenance sustainability :	Contractor should responsible for maintenance in duration of agreement cover.				
16.	Lesson learned :					
17.	Other :	Contractors Name :Royal Nirman Sewa Proprietor's Name :Mahendra Pradhan Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

During

Work after photograph:



1.	Name of Activity : Construction of Gabin Retaining wall and Lunching Apron					
2.	Name of program : Seuti khola Katan Niyantran					
3.	Location : Ramdhuni MP	Ward : 4 , Sunsari	Place :Baklauri	F/Y : 2077/078		
4.	Name of River system :Sunsari River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :10016532.36	User :0.00	Others :	Total :10016532.36		
	b) Actual expenditure					
	Office :4691595.3	User : ००	Others :	Total : 4691595.3		
7.	Objectives :	1. To Stabilize the embankment of SarduRiver.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Retaining wall, Lunching apron 				
9.	Implementation process :	Project implemented through e-biding approach.				
10.	Gender/Social consideration :					
11.	Effect/Impact :	Some debris deoposited in back side of retaining wall				
12.	Benefited HH:	Total(T.) :	Dalit (T.) :	Janajati:0	Madhesi : Others : 0	
13.	Employment Generate :	This activity generated employment oppportunity for local people. There were 1779days generate employment from work.				
14.	Problem faced :	Not specified problem.				
15.	Maintenance sustainability :	Contractor should responsible for maintenance in duration of agreement cover.				
16.	Lesson learned :					
17.	Other :	Contractors Name :Royal Nirman Sewa Proprietor's Name :Mahendra Pradhan Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Before

Work after photograph:



1.	Name of Activity : Construction of Gabin Retaining wall and Lunching Apron					
2.	Name of program : Sardukhola Katan Niyantran					
3.	Location : Baraha MP	Ward : 4 , Sunsari	Place :Tisbigaha ,Bhatepul	F/Y : 2077/078		
4.	Name of River system :Sunsari River system					
5.	GPS Coordinate :					
6.	Cost :- a) Estimated :					
	Office :10024820.26	User :0.00	Others :	Total :10024820.26		
	b) Actual expenditure					
	Office :4522045.3	User : ००	Others :	Total : 4522045.3		
7.	Objectives :	1. To Stabilize the embankment of SarduRiver.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Retaining wall, Lunching apron, • Bmaboo plantation 				
9.	Implementation process :	Project implemented through e-biding approach.				
10.	Gender/Social consideration :					
11.	Effect/Impact :	Some debris deoposited in back side of retaining wall				
12.	Benefited HH:	Total(T.) :	Dalit (T.) :	Janajati:0	Madhesi : Others : 0	
13.	Employment Generate :	This activity generated employment oppotunity for local people. There were 1715days generate employment from work.				
14.	Problem faced :	Not specified problem.				
15.	Maintenance sustainability :	Contractor should responsible for maintenance in duration of agreement cover.				
16.	Lesson learned :					
17.	Other :	Contractors Name :Royal Nirman Sewa Proprietor's Name :Mahendra Pradhan Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Before

Work after photograph:



BATAHA RIVER SYSTEM

1.	Name of Activity :Pond & sedimentation dam construction					
2.	Name of program : Bhumigatjalpunabharan					
3.	Location :KarjanhaMP	Ward : 01	Place : Back side of Saurya cement	F/Y : 2077/078		
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.844608 & 86.235725					
6.	Cost :- a) Estimated :					
	Office :1442307.7	User :635089.96	Others :	Total :2077397.64		
	b) Actual expenditure					
	Office : १४४२३२५.००	User : ६३३७७३.००	Others :	Total : २०७६०९८.००		
7.	Objectives :	1. To construction of recharge pond. 2. To recharge of ground water.				
8.	Conservation Measure/Technique applied :	Construction of recharge pond. RCC outlet & apron.				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Ground water recharge & Control of sedimentation of torrent. In total 80 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 80	Dalit (T.) :	Janajati:30	Madhesi : 49 Others : 01	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 618 days generate employment from work.				
14.	Problem faced :	Users too delaying in work due to unnecessary intervention of local bodies leader i.e. Mayor etc.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.				
17.	Other :	User Group Name:सौर्य सिमेन्ट पछडि माथिल्लो भागमा पोखरी निर्माणउपभोक्ता समिति, मिर्चैया न.पा०१, सिरहा . Chairperson :गङ्गा श्रेष्ठ Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :Pond & sedimentation dam construction					
2.	Name of program : Bhumigatjalpunabharan					
3.	Location :KarjanhaMP	Ward : 01	Place : Back side of Saurya cement-II	F/Y : 2077/078		
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.844608 & 86.235725					
6.	Cost :- a) Estimated :					
	Office :1442307.7	User :654738.50	Others :	Total :2097046.11		
	b) Actual expenditure					
	Office : १४४२३०४.००	User : ६३२९२१.००	Others :	Total : २०७५२२६.००		
7.	Objectives :	1. To construction of recharge pond. 2. To recharge of ground water.				
8.	Conservation Measure/Technique applied :	Construction of recharge pond. RCC outlet & apron.				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Ground water recharge & Control of sedimentation of torrent. In total 107 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 107	Dalit (T.) :	Janajati: 15	Madhesi : 91 Others : 01	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 618 days generate employment from work.				
14.	Problem faced :	Users too delaying in work due to unnecessary intervention of local bodies leader i.e. Mayor etc.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.				
17.	Other :	User Group Name:सौर्य सिमेन्ट पछडि तल्लो भागमा पोखरीनिर्माणउपभोक्ता समिति, मिर्चैया न.पा०१, सिरहा . Chairperson :हरिनारायण महरा Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :Pond construction					
2.	Name of program : Bhumigatjalpunabharan					
3.	Location :MirchaiyaMP	Ward : 01	Place : Manthadevichurefedi	F/Y : 2077/078		
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.849513 & 86.225595					
6.	Cost :- a) Estimated :					
	Office :1442307.00	User : 508164.89	Others :	Total :1950473.62		
	b) Actual expenditure					
	Office : १४४२३०७.००	User : ७२८४९६	Others :	Total : २१७०८०३		
7.	Objectives :	1. To construction of recharge pond. 2. To recharge of ground water.				
8.	Conservation Measure/Technique applied :	Construction of recharge pond.				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator & other equipment's for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Ground water recharge & Control of sedimentation in. In total 95 households are benefited from the programmer. Minimized the flood disaster on farm land. 				
12.	Benefited HH:	Total : 95	Dalit(T.) : 45	Janajati: 10	Madhesi : 39	Others : 1
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 618 days generate employment from work.				
14.	Problem faced :	Users too delaying in work due to unnecessary intervention of local bodies leader i.e. mayor etc.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan.				
17.	Other :	User Group Name:मण्डेवी चुरेफेदी पोखरी निर्माण उपभोक्ता समिति, मिर्चैया ०१, सिरहा Chairperson :BhagawanbabuKapri Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :Ground Water Recharge Pond construction					
2.	Name of program : Bhumigatjalpunabharan					
3.	Location :KarjanhaMP	Ward :10	Place : ChorniyaKhola		F/Y : 2077/078	
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.852082 & 86.222815					
6.	Cost :- a) Estimated :					
	Office :1442306.76	User :522945.96	Others :		Total :1965267.59	
	b) Actual expenditure					
	Office : १४४२३१५.००	User : ५२३३२७.००	Others :		Total : १९६५६४२.००	
7.	Objectives :	1. To construction of recharge pond. 2. To recharge of ground water.				
8.	Conservation Measure/Technique applied :	Construction of recharge pond. RCC outlet & apron.				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> Ground water recharge & Control of sedimentation of torrent. In total 210 households are benefited from the programmer. Minimized the flood disaster on farm land. 				
12.	Benefited HH:	Total(T.) : 210	Dalit (T.) :	Janajati:	Madhesi : 210	Others :
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 618 days generate employment from work.				
14.	Problem faced :	Users too delaying in work due to unnecessary intervention of local bodies leader i.e. Ward chair etc.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan.				
17.	Other :	User Group Name:चोर्निया भूमिगतजल पुनः भरणउपभोक्ता समिति, कर्जन्हा न.पा.१०, सिरहा . Chairperson :श्यामकुमार साह Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :River Bank protection					
2.	Name of program : Nadiatathakholakinar aesthirikaran					
3.	Location :MirchaiyaMP	Ward :10	Place : Down side of bataha bridge	F/Y : 2077/078		
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.822243 & 086.261965					
6.	Cost :- a) Estimated :					
	Office :5961538.22	User :739238.90	Others :	Total :6700777.12		
	b) Actual expenditure					
	Office : ५७६९४३४.००	User : १४७६७५३.००	Others :	Total : ७२४६१८७.००		
7.	Objectives :	1. To construction of 144m. long gabion box retaining wall for protection of river bank. 2. To protect river bank.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Vegetative work. • Geo-textile & back filling. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Directly protect of 145m. River bank & upper side village road. • Control of 144m. Landslide of left side of River. • In total 250 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 250	Dalit (T.) :	Janajati:0	Madhesi : 250	Others : 0
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 2472 days generate employment from work.				
14.	Problem faced :	Users delaying in work due to unnecessary intervention of local bodies' leader i.e. Mayor etc. All program unnecessarily trying to hold & manage by mayor. Its create burden in work.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.				
17.	Other :	User Group Name:बताहा पुलदेखि दक्षिण नदी नियन्त्रणपभोक्ता समिति, मिर्चया न.पा१०, सिरहा. Chairperson :मो.सहिल Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :River Bank protection(Dimakhola)				
2.	Name of program : Nadiatathakholakinar aesthirikaran				
3.	Location :KarjanhaMP	Ward :10	Place : Prayagpur, Siraha	F/Y : 2077/078	
4.	Name of River system :Bataha River system				
5.	GPS Coordinate :26.840837 & 086.208265				
6.	Cost :- a) Estimated :				
	Office : 2403846.17	User :268430.98	Others :	Total :2672277.15	
	b) Actual expenditure				
	Office : २४०३८२०.००	User : २६८४५७.००	Others :	Total : २६७२२७७.००	
7.	Objectives :	1. To construction of 78m. Long gabion box retaining wall for protection of river bank. 2. To protect river bank.			
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Vegetative work. • Geo-textile & back filling. 			
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.			
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/Impact :	<ul style="list-style-type: none"> • Directly protect of 78m. River bank & upper side village road. • Control of 78m. Landslide of left side of River. • In total 250 households are benefited from the programmer. 			
12.	Benefited HH:	Total(T.) : 250	Dalit (T.):	Janajati:0	Madhesi :250 Others : 0
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1030 days generate employment from work.			
14.	Problem faced :	Better for coming yearis E-biding.			
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.			
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.			
17.	Other :	User Group Name:डीमा खोला नदी नियन्त्रणपञ्चभोक्ता समिति, कर्जन्हा न.पा१०, सिरहा. Chairperson:रामगुनेश यादव Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote			

Work before photograph:



Work after photograph:



1.	Name of Activity :River Bank protection					
2.	Name of program : Nadiatathakholakinar aesthirikaran					
3.	Location :KalyanpurMP	Ward :08	Place : Jaipur, Siraha	F/Y : 2077/078		
4.	Name of River system :Bataha River system					
5.	GPS Coordinate :26.802280 & 086.205757					
6.	Cost :- a) Estimated :					
	Office :2596153.81	User :384047.98	Others :	Total :2980201.80		
	b) Actual expenditure					
	Office : २३९०६६८.००	User : २६६९१९.००	Others :	Total : २६५७५८६.००		
7.	Objectives :	1. To construction of 100m. Long gabion box retaining wall for protection of river bank. 2. To protect river bank.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder • Vegetative work. • Geo-textile & back filling. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making recharge pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Directly protect of 100m. River bank & upper side village road. • Control of 100m. Landslide of left side of River. • In total 672 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 672	Dalit (T.):	Janajati:40	Madhesi :631 Others : 01	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1024 days generate employment from work.				
14.	Problem faced :	Comparatively working nicely. Program completed in time.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.				
17.	Other :	User Group Name:बताहा नदी तटबन्ध निर्माणपञ्चकला समिति, कल्याणपुरन.पा१०, सिरहा. Chairperson:मो.नदिम रायन Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:

Work after photograph:



MAHULI -SUNDARI RIVER SYSTEM

1.	Name of Activity :Recharge pond construction.					
2.	Name of program : Bhumigatjalpunabharantathasatahmunikopaniupayog					
3.	Location :Kanchanrup MP-11	Ward :11,	PlaceBengri, Saptari	F/Y : 2077/078		
4.	Name of River system :Mahuli+Sundari River system					
5.	GPS Coordinate :26.646083 & 86.849092					
6.	Cost :- a) Estimated :					
	Office :1442306.82	User :179691.04	Others :	Total :1621997.86		
	b) Actual expenditure					
	Office : १४४२३०९.००	User : २७९६८२.००	Others :	Total : १७९३८८३.००		
7.	Objectives :	9. To construction of ground water recharge pond 10. Control sedimentation.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Pond construction with earthen dyke. • Vegetative work. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making pond.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Ground water recharge pond.. • In total 100 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 100	Dalit (T.):	Janajati:75	Madhesi :25 Others 0	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 515 days generate employment from work.				
14.	Problem faced :	Project completed on time.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Grass sodding in essential for pond dyke.				
17.	Other :	User Group Name: भूमिगत जल पुन भरण उपभोक्ता समिति, कञ्चनरूप न.पा११, सप्तरी Chairperson:सुखैर चौधरी Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :River Bank protection					
2.	Name of program : Nadiatathakholakinar aesthirikaran					
3.	Location :Agnisairkrishnasabaran RM	Ward :01,	Place : Head work, Mahuli, Saptari	F/Y : 2077/078		
4.	Name of River system :Mahuli+Sundari River system					
5.	GPS Coordinate :26.663439& 086.803588					
6.	Cost :- a) Estimated :					
	Office :3365383.73	User :402219.61	Others :	Total :3767603.35		
	b) Actual expenditure					
	Office : ३०७४७४४.००	User : ३६०९००.००	Others :	Total : ३४५५६४४.००		
7.	Objectives :	11. Longearthen dam with launching & pitching. To construction of 145m. 12. Gabion box spur 13. To protect river bank.				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> • Gabion box & bolder (launching & pitching) • Earthen dam/dyke. • Geo-textile & back filling. 				
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making dam.				
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/Impact :	<ul style="list-style-type: none"> • Directly protect of 145m. River bank &Irrigation headwork down side village. • Control of 145m.dyke in right side of River. • In total 240 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 240	Dalit (T.):	Janajati:100	Madhesi :140	Others : 01
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 1318 days generate employment from work.				
14.	Problem faced :	Users delaying in work due to unnecessary intervention of local bodies' leader i.e. chairperson etc. All program unnecessarily trying to hold & manage by chairperson & his persons. It's created burden in work.				
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.				
16.	Lesson learned :	Program must be start in first quarter. Budget must allocate according to master plan & five year plan. E-biding is better way for reduce local leaders unnecessary intervention.				
17.	Other :	User Group Name:महुली नदी नियन्त्रणउपभोक्ता समिति, अग्नीसाइरगा.पा. १, सप्तरी Chairperson:किशोरकुमार चौधरी Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity :River Bank protection					
2.	Name of program : Nadiatathakholakinar aesthirikaran					
3.	Location :Kanchanrup MP	Ward :09 & 11,	Place : Theliya&Raghunathpur, Saptari	F/Y : 2077/078		
4.	Name of River system :Mahuli+Sundari River system					
5.	GPS Coordinate :26.621378 & 086.858847&26.637767 & 086.882375					
6.	Cost :- a) Estimated :					
	Office :7964283.59	User :00	Others :	Total :7964283.59		
	b) Actual expenditure					
	Office : 5478418.7	User : ०.००	Others :	Total : 5478418.70		
7.	Objectives :	<ul style="list-style-type: none"> To construction of 146m. Long launching & pitching. Back filling 146 dam. Construction of 140M. Long earthen dam with launching & pitching. To protect river bank. 				
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> Gabion box & bolder (launching & pitching) Earthen dam/dyke. Geo-textile & back filling. 				
9.	Implementation process :	Tender (E-biding) approach.				
10.	Gender/Social consideration :					
11.	Effect/Impact :	<ul style="list-style-type: none"> Directly protected of 286m. River bank agri-land 7 villages.. Approx. 2040 households are benefited from the programmer. 				
12.	Benefited HH:	Total(T.) : 2040	Dalit (T.):	Janajati:	Madhesi : Others :	
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 2077 days generate employment from work.				
14.	Problem faced :	Contractor delaying in work.				
15.	Maintenance sustainability :	Contractor will be responsible for maintenance & sustainability of this project up to written in agreement.				
16.	Lesson learned :	Tender approach minimizes the unnecessary interventions in comparison of UC.				
17.	Other :	User Group Name:सूर्यकुण्ड इञ्जिनियर्स एण्ड विल्डर्स धापासी, काठमाडौं Chairperson:चण्डेश्वर चौधरी Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote				

Work before photograph:



Work after photograph:



1.	Name of Activity:Wetland conservation & Management				
2.	Name of program : Wetland conservation & Management				
3.	Location :Kanchanrup MP-02	Ward :02,	Place : Barmajhiya, Saptari	F/Y : 2077/078	
4.	Name of River system :Mahuli+Sundari River system				
5.	GPS Coordinate :				
6.	Cost :- a) Estimated :				
	Office :1923076.81	User :357114.52	Others :	Total :2285191.33	
	b) Actual expenditure				
	Office : १९२३०७१.००	User : ३५७११२.००	Others :	Total : २३१२२४३.००	
7.	Objectives :	<ul style="list-style-type: none"> To conservation of pond. To extend deepness of pond. To construct earthen dyke & grass sodding around pond. Fencing with fruits & ornamental plants. 			
8.	Conservation Measure/Technique applied :	<ul style="list-style-type: none"> Pond conservation & extension with earthen dyke. Chain link fencing of right & left side. Plantation. Vegetative work. 			
9.	Implementation process :	User group approach. According to the agreement, the concerned user group manage the excavator, other equipment's, materials & manpower for making pond.			
10.	Gender/Social consideration :	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/Impact :	<ul style="list-style-type: none"> Conservation & expansion of historic pond. Garden established around side. In total 347 households are benefited from the programmer. 			
12.	Benefited HH:	Total(T.) : 347	Dalit (T.):3	Janajati:20	Madhesi :324 Others 0
13.	Employment Generate :	This activity generated employment opportunity for local people. There were 824 days generate employment from work.			
14.	Problem faced :	Too much delaying in project completion.			
15.	Maintenance sustainability :	User committee & local government will be responsible for maintenance & sustainability of this project.			
16.	Lesson learned :	Grass sodding in essential for pond dyke. Tender process should per sui.			
17.	Other :	User Group Name:सिमसार संरक्षण तथा व्य. उपभोक्ता समिति, कञ्चनरूप न.पा०२, सप्तरी Chairperson:बेचनकुमार पण्डित Site Incharge : RajdhanRai Unit Officer : BhimBahadurKalikote			

Work before photograph:



Work after photograph:



BUDHI RIVER SYSTEM

1.	Name of Activity: Gabion Box Breast wall, revetment, Launching And Checkdam				
2.	Name of Program: Gully/Land Slide Control				
3.	Location: Kerabari RM.	Ward: 1	Place: Phedikhola	F/Y: 2077/78	
4.	Name of River System :				
5.	GPS Coordinate: 26.817087 And 87.404601				
6.	Cost:- a) Estimated:				
Office: 24,04,000.00		User: 268908.72	Other s:	Total: 26,72,908.72(Excluding Contingency)	
b) Actual Expenditure: 2653462.52					
Office: 23,88,609.83		User: 264852.69	Other s:	Total: 2653462.52	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land and Forest Area To conserve and protect the settlement. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-walland Checkdam were constructed on the side of gully. 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household and forest. In total 1000 house holds are benefitted from the programme. Minimized the flood disaster on farm land. 			
12.	Benefited HH	Total: 270	Dalit: 54	Janjati: 114	Madhesi: Others: 102
13.	Employment Generated:	1049 mds			
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region. 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Fedikhola Pahiرو Roktham U.C. Chair Person: Subash Limbu Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



BEFORE



AFTER

1	Name of Program: Gully, Landslide and Torrent Control				
2	Name of Activity: Gabion Work, Bamboo Plantation				
3	Location: Kerabari RM	Ward: 03	Place: Rampur	F/Y: 2077/078	
4	Name of River System: Budhi River System				
5	GPS Coordinate: X: 26.809278		Y: 87.424459		
6	Cost:- a) Estimated:				
Office :	24,06,000/-	User: 2,69266/60	Others:	Total: 26,73,266/60	
b) Actual Expenditure:					
Office :	24,06,000/-	User: 2,69266/60	Others:	Total: 26,73,266/60	
7	Objectives:	• To control the existing landslide and protect properties.			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Gabion Check dam and wall is constructed along the gullies and landslide. • Bamboo plantation was done to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.			
12	Benefited HH	Total: 275	Dalit: 10	Janjati: 250	Madhesi: 0 Other: 15
13	Employment Generated:	1045 mds			
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.			
17	Other:	User Group Name:	Rampur Pahiro Roktham UC		
		Chair Person:	Bhakta Bahadur Limbu		
		Site Incharge:	Khadga Bahadur Tamang		
		Unit Officer:	BhimBahadurKalikote		

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control				
2	Name of Activity: Gabion Work, Bamboo Plantation				
3	Location: Kerabari RM	Ward: 03	Place: Dewarekholsi	F/Y: 2077/078	
4	Name of River System: Khando River System				
5	GPS Coordinate: X:26.787557 , Y: 87.410686				
6	Cost:- a) Estimated:				
Office:	20,20,000/-	User: 2,84,619/93	Others:	Total: 2688619/93	
b) Actual Expenditure:					
Office:	20,20,000/-	User: 2,84,619/93	Others:	Total: 2688619/93	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and its debris flow on the river. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam /toewall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.			
12	Benefited HH	Total: 501	Dalit: 10	Janjati:401	Madhesi: 0 Other: 90
13	Employment Generated:	866 mds.			
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.			
15	Maintenance / Sustainability:	Budget was very low as compared to severity of landslide. More budget is needed to be allocated and other supporting structures are need to be made to control landslide and make existing structure sustainable.			
16	Lesson learned:	A landslide erosion on river banks. Correct landslide control measures must be determined according to these development stages. Once landslides have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.			
17	Other:	User Group Name:	Dewarekholsi Pahiro Roktham UC		
		Chair Person:	Debiratna Chemjong		
		Site In charge:	Khadga Bahadur Tamang		
		Unit Officer:	BhimBahadurKalikote		

BEFORE



AFTER



1.	Name of Activity: PCC,RCC Work, Stone Masonry Wall					
2.	Name of Program: Ground Water Recharge/ Conservation Pond Construction					
3.	Location: Sundarharaicha Municipality	Ward: 05	Place: Hasina Simsar	F/Y: 2077/78		
4.	Name of River System : NA					
5.	GPS Coordinate: E 87 ⁰ 16'59.04'' N 26 ⁰ 49'54.04''					
6.	Cost:- a) Estimated:					
Office: 24,04,000/-		User: 269593/98		Others:		Total: 2673594/(Including Contingency)
b) Actual Expenditure:						
Office: 24,04,000/-		User: 269593/98		Others:		Total: 2673594/(Including Contingency)
7.	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Stone masonry wall,RCC dam and canal were built around the pond. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the required materials, equipment and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> Existing pond was upgraded. Water was stored in the pond and moisture was maintained around the area. 				
12.	Benefited HH	Total: 313	Dalit: 13	Janjati: 105	Madhesi:	Others: 195
13.	Employment Generated:	1031 mds				
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 				
15.	Maintenance / Sustainability:	No maintenance fund is there but will carry out the repairment and maintenance work when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Hasina Jal Punarbharan UC Chairperson : Kabiraj Rai Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				



1	Name of Program: River Bank Stabilization					
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthen dam					
3	Location: Keerabari RM.	Ward: 03	Place: Khadamkhola, Kerabari, Morang		F/Y: 2077/078	
4	Name of River System: Khando River System					
5	GPS Coordinate: X: 26.782919 Y: 87.409634					
6	Cost:- a) Estimated:					
Office:	62,15,910/80	User: 0	Others: 0	Total: 62,15,910/80		
b) Actual Expenditure:						
Office:	61,31,770/98	User: 0	Others: 0	Total: 61,31,770/98		
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 				
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 				
9	Implementation process:	Tender approach. According to the agreement, the concerned contractor purchased the gabion boxes and stone and completed the work by using local manpower available.				
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.				
12	Benefited HH	Total: 240	Dalit: 16	Janjati: 174	Madhesi: 0	Other: 60
13	Employment Generated:	2357 mds				
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.				
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.				
17	Other:	Contractor Name:	Noorani Construction, Biratnagar-11, Morang			
		Proprieter:	Mohammad Aarif Khan			
		Site In charge:	Khadga Bahadur Tamang			
		Unit Officer:	BhimBahadurKalikote			

BEFORE



AFTER



LOHANDRA RIVER SYSTEM

1.	Name of Activity: Gabion Box Breast wall, revetment, Launching And Checkdam					
2.	Name of Program: Gully/Land Slide Control					
3.	Location: Letang Municipality.	Ward: 1	Place: Laakh, Bhaluwa	F/Y: 2077/78		
4.	Name of River System : Lohandra River System					
5.	GPS Coordinate: N :26.754064 E : 87.449654					
6.	Cost:- a) Estimated: 26.754064 And 87.449654					
Office: 20,20,000.00		User: 2,25,498/26		Others:	Total: 22,45,498/26(Excluding Contingency)	
b) Actual Expenditure: 2653462.52						
Office: 23,88,609.83		User: 264852.69		Others:	Total: 2653462.52	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land and Forest Area To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall and Checkdam were constructed on the side of gully. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household and forest. In total 1000 house holds are benefitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 55	Dalit: 9	Janjati: 40	Madhesi:	Others: 6
13.	Employment Generated:	866 mds.				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region. 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name:Laakh Pahiro Roktham U.C. Chair Person: Nishan Shahi Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control					
2	Name of Activity: Gabion Work, Bamboo Plantation					
3	Location: Letang Muniicipality	Ward: 01	Place: Kolbote	F/Y: 2077/078		
4	Name of River System: Lohandra River System					
5	GPS Coordinate: X: 26.65708		Y: 86.70246			
6	Cost:- a) Estimated:					
Office:	20,20000/-	User: 2,26,489/41	Others:	Total: 22,46,489/41		
b) Actual Expenditure:						
Office:	20,20000/-	User: 2,26,489/41	Others:	Total: 22,46,489/41		
7	Objectives:	• To control the existing landslide and protect properties.				
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Gabion Check dam and wall is constructed along the gullies and landslide. • Bamboo plantation was done to control debris flow and check the surface erosion. 				
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.				
12	Benefited HH	Total: 35	Dalit: 4	Janjati: 20	Madhesi: 0	Other: 11
13	Employment Generated:	869 mds				
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.				
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.				
17	Other:	User Group Name:	Kolbote Pahi Roktham Roktham UC			
		Chair Person:	Bishnu Kumar Acharya			
		Site Incharge:	Khadga Bahadur Tamang			
		Unit Officer:	BhimBahadurKalikote			

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control				
2	Name of Activity: Gabion Work, Bamboo Plantation				
3	Location: Letang Municipality	Ward: 01	Place: Rajarani Kholsi	F/Y: 2077/078	
4	Name of River System: Lohandra River System				
5	GPS Coordinate: X: 26.745350 Y: 87.489714				
6	Cost:- a) Estimated:				
Office:	20,20,000/-	User: 2,26,968/34	Others:	Total: 22,46,968/34	
b) Actual Expenditure:					
Office:	20,20,000/-	User: 2,84,619/93	Others:	Total: 2688619/93	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and its debris flow on the river. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.			
12	Benefited HH	Total: 75	Dalit: 5	Janjati: 55	Madhesi: 0 Other: 15
13	Employment Generated:	866 mds.			
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.			
15	Maintenance / Sustainability:	Budget was very low as compared to severity of landslide. More budget is needed to be allocated and other supporting structures are need to be made to control landslide and make existing structure sustainable.			
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.			
17	Other:	User Group Name:	Rajarani kholsi Pahi Roktham UC		
		Chair Person:	Padam Magar		
		Site In charge:	Khadga Bahadur Tamang		
		Unit Officer:	BhimBahadurKalikote		

AFTER



1	Name of Program: Gully, Landslide and Torrent Control				
2	Name of Activity: Gabion Work, Bamboo Plantation				
3	Location: Letang Municipality	Ward: 01	Place: Rajarani Kholsi	F/Y: 2077/078	
4	Name of River System: Lohandra River System				
5	GPS Coordinate: X: 26.744573 Y: 87.490898				
6	Cost:- a) Estimated:				
Office:	20,20,000/-	User: 2,25,296/06	Others:	Total: 22,45,296/06	
b) Actual Expenditure:					
Office:	20,20,000/-	User: 2,25,296/06	Others:	Total: 22,45,296/06	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and its debris flow on the river. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.			
12	Benefited HH	Total: 75	Dalit: 5	Janjati: 55	Madhesi: 0 Other: 15
13	Employment Generated:	866 mds.			
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.			
15	Maintenance / Sustainability:	Budget was very low as compared to severity of landslide. More budget is needed to be allocated and other supporting structures are need to be made to control landslide and make existing structure sustainable.			
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.			
17	Other:	User Group Name:	Rajarani kholsi Pahiرو Roktham UC		
		Chair Person:	Bam Prasad Ale Magar		
		Site In charge:	Khadga Bahadur Tamang		
		Unit Officer:	BhimBahadurKalikote		

BEFORE



AFTER



1.	Name of Activity: PCC,Earth Excavation Work, Stone Masonry Wall work,bamboo plantation etc.				
2.	Name of Program: Ground Water Recharge/ Conservation Pond Construction				
3.	Location: Letang Municipality	Ward: 02	Place: Morenge Holi	F/Y: 2077/78	
4.	Name of River System : Lohandra River System				
5.	GPS Coordinate: N: 26.734893 E : 87.463628				
6.	Cost:- a) Estimated:				
	Office: 24,04,000/-	User: 269593/98	Others:	Total: 2673594/(Including Contingency)	
	b) Actual Expenditure:				
	Office: 24,04,000/-	User: 269593/98	Others:	Total: 2673594/(Including Contingency)	
7.	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Stone masonry wall,erthen dam and hump pipe were built and bamboo plantation around the pond. 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the required materials, equipment and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Existing pond was upgraded. Water was stored in the pond and moisture was maintained around the area. 			
12.	Benefited HH	Total: 310	Dalit: 10	Janjati: 200	Madhesi: Others: 100
13.	Employment Generated:	1030 mds			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of Materials and Skill worker work became difficult. 			
15.	Maintenance / Sustainability:	No maintenance fund is there but will carry out the repairment and maintenance work when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Garapani Community Forest UG. Chairperson : Arjun Rai Site Incharge: Khadga Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



1	Name of Program: River Bank Stabilization					
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthen dam					
3	Location: Letang Municipality.	Ward: 01	Place: Laakh Bhakuwakhola, ,Morang		F/Y: 2077/078	
4	Name of River System: Lohandra River System					
5	GPS Coordinate: X: 26.753563 Y: 87.449069					
6	Cost:- a) Estimated:					
Office:	17,81,453/-	User: 0	Others:		Total: 17,81,453/-	
b) Actual Expenditure:						
Office:	16,99,494/34	User: 0	Others:		Total: 16,99,494/34	
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 				
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 				
9	Implementation process:	Tender approach. According to the agreement, the concerned contractor purchased the gabion boxes and stone and completed the work by using local manpower available.				
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.				
12	Benefited HH	Total: 240	Dalit: 160	Janjati: 20	Madhesi: 0	Other: 60
13	Employment Generated:	644 mds				
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.				
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.				
17	Other:	Contractor Name:	R-One Construction,Itahari-04,Sunsari			
		Proprieter:	Roshan Chapagain			
		Site In charge:	Khadga Bahadur jTamang			
		Unit Officer:	BhimBahadurKalikote			

BEFORE



AFTER



1	Name of Program: River Bank Stabilization					
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthen dam					
3	Location: Keerabari RM.	Ward: 09	Place: Simalidada, Bhaluwakhola, Kerabari, Morang			F/Y: 2077/078
4	Name of River System: Lohandra River System					
5	GPS Coordinate: X: 26.747068, Y: 87.444507					
6	Cost:- a) Estimated:					
Office:	43,72,150/-	User: 0	Others:	Total: 43,72,150/-		
b) Actual Expenditure:						
Office:	36,56,262/75	User: 0	Others:	Total: 36,56,262/75		
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 				
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 				
9	Implementation process:	Tender approach. According to the agreement, the concerned contractor purchased the gabion boxes and stone and completed the work by using local manpower available.				
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.				
12	Benefited HH	Total: 240	Dalit: 160	Janjati: 20	Madhesi: 0	Other: 60
13	Employment Generated:	1658 mds				
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.				
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.				
17	Other:	Contractor Name:	R-One Construction, Itahari-4, Sunsari			
		Proprieter:	Roshan Chapagain			
		Site In charge:	Khadga Bahadur jTamang			
		Unit Officer:	BhimBahadurKalikote			

BEFORE



AFTER



KHANDO RIVER SYSTEM

1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work, Bamboo Plantation			
3	Location: SambhuNath Municipality	Ward: 02	Place: Kanakpatti	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.656692		Y: 86.706172	
6	Cost:- a) Estimated:			
Office:	2163461.54	User: 284002.08	Others:	Total: 2447463.62
b) Actual Expenditure:				
Office:	2156946.59	User: 283146.85	Others:	Total: 2440093.44
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and protect properties. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Retaining wall is constructed along the and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.		
12	Benefited HH	Total: 750	Dalit: 250	Janjati: 200
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.		
17	Other:	User Group Name:	GalchhiPahirotathaKhahareRokthaamNirmaan UC	
		Chair Person:	Hareram Chaudhary	
		Site Incharge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work, Bamboo Plantation			
3	Location: Sambhunath Municipality	Ward: 02	Place: Bhaluwahi	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.647977 Y: 86.732012			
6	Cost:- a) Estimated:			
Office:	2163461.54	User: 294615.78	Others:	Total: 2458077.32
b) Actual Expenditure:				
Office:	2163461.54	User: 299020.66	Others:	Total: 2562482.20
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and its debris flow on the river. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Toe Wall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.		
12	Benefited HH	Total: 650	Dalit: 200	Janjati: 200
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Budget was very low as compared to severity of landslide. More budget is needed to be allocated and other supporting structures are need to be made to control landslide and make existing structure sustainable.		
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.		
17	Other:	User Group Name:	GalchhiPahirotathaKhahareRokthaamNirmaan UC	
		Chair Person:	Tirtha Bahadur Magar	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE

AFTER



1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work, Bamboo Plantation			
3	Location:Rupani Municipality	Ward: 06	Place: Pathaldewa	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.642663 Y: 86.749152			
6	Cost:- a) Estimated:			
Office:	2163461.54	User: 284221.90	Others:	Total: 2447683.43
b) Actual Expenditure:				
Office:	2153053.78	User: 282854.59	Others:	Total: 2435908.37
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check Toe wall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and structures are saved.		
12	Benefited HH	Total: 225	Dalit:50	Janjati:75 Other:100
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.		
17	Other:	User Group Name:	Pathaldewa khahre Roktham U.C.	
		Chair Person:	Teek Prasad Thapa	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program:	Gully, Landslide and Torrent Control			
2	Name of Activity:	Gabion Work, Bamboo Plantation			
3	Location:Rupni Municipality	Ward: 06	Place: Thapa Kholsi	F/Y: 2077/078	
4	Name of River System:	Khando River System			
5	GPS Coordinate:	X: 26.648892	Y: 86.749034		
6	Cost:- a) Estimated:				
Office:	2163461.54	User: 291297.70	Others:	Total: 2454759.24	
	b) Actual Expenditure:				
Office:	2156965.95	User:286018.22	Others:	Total: 2442984.18	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Toe wall is constructed on base of landslide and other small gullies. Bamboo plantation was done to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and debris flow has been reduced.			
12	Benefited HH	Total:350	Dalit:50	Janjati:100	Other: 200
13	Employment Generated:	250 Md.			
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.			
17	Other:	User Group Name:	BanraNadiGalchhi UC		
		Chair Person:	Kumarman Shrestha		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	BhimBahadurKalikote		

BEFORE



AFTER



1	Name of Program: River Bank Stabilization			
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthen dam			
3	Location: Sambhunath Municipality	Ward: 02	Place: Kanakpatti	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.647397 Y: 86.704580			
6	Cost:- a) Estimated:			
Office:	6730769.23	User: 755718.03	Others:	Total: 7486478.26
b) Actual Expenditure:				
Office:	6730769.23	User: 769813.65	Others:	Total: 7500582.88
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 500	Dalit:100	Janjati: 150 Other: 250
13	Employment Generated:	1550 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Khando Khairbona Tatbandh Nirman U.C.	
		Chair Person:	Chham Bahadur Rai	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond excavation and			
3	Location: Sambhunath Municipality	Ward: 02	Place: Bhaluwahi	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.647355 Y: 86.734764			
6	Cost:- a) Estimated:			
Office:	1242596.65	User: 192487.15	Others:	Total: 1435083
b) Actual Expenditure:				
Office:	1140090.82	User: 175059.18	Others:	Total: 1315150
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. At one end of the spectrum of the pond, was built with heavy masonry and concrete lining, and at the other ends are those simple dugout types without any lining. Infiltration can take place from the sides and bottoms of the ponds.		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment as per estimate and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased, irrigation and drinking water to domestic and wild animals was provided.		
12	Benefited HH	Total:240	Dalit: 25	Janjati: 100 Other: 115
13	Employment Generated:	120Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Complex RCC structure construction should be conducted through tender process as the local community lacks the required skilled manpower.		
17	Other:	User Group Name:	Bhaluwahi Jal Purvharan Pokhari Nirman U.C.	
		Chair Person:	Kapil Dev Ghimire	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond excavation and Over flow Construction			
3	Location: Rupni R. Municipality	Ward: 6	Place: Khanepani Danda	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.63998		Y: 86.75566	
6	Cost:- a) Estimated:			
Office:	1244556.52	User: 141530.48	Others:	Total: 1386087.
b) Actual Expenditure:				
Office:	1233825.82	User: 140310.18	Others:	Total: 1374136
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. At one end of the spectrum of the pond, was built with heavy masonry and concrete lining, and at the other ends are those simple dugout types without any lining. Infiltration can take place from the sides and bottoms of the ponds.		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment as per estimate and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased, irrigation and drinking water to domestic and wild animals was provided.		
12	Benefited HH	Total: 225	Dalit: 25	Janjati: 50 Other: 150
13	Employment Generated:	150 Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism.		
17	Other:	User Group Name:	Khanepani Danda Bhumigat Jal Purbharan U.C.	
		Chair Person:	Ramsharan Mahto	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program:	Rain Water Runoff Harvesting Dam			
2	Name of Activity:	RCC and Gabbion work			
3	Location:Rupni R. Municipality	Ward: 06	Place: Dhara Khola	F/Y: 2077/078	
4	Name of River System:	Khando River System			
5	GPS Coordinate:	X: 26.652265	Y: 86.750659		
6	Cost:- a) Estimated:				
Office:	1433110.44	User: 239128.64	Others:	Total: 1672239.07	
	b) Actual Expenditure:				
Office:	1402379.99	User:238550.59	Others:	Total: 1640930.58	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> RCC Check dam is constructed on base of landslide and other small gullies. Gabbion Lanching apron is provide to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and debris flow has been reduced.			
12	Benefited HH	Total:190	Dalit: 50	Janjati: 40	Other: 100
13	Employment Generated:	750 Md.			
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.			
17	Other:	User Group Name:	Dhara Khola Rain water of harvesting dam U.C.		
		Chair Person:	Bhupendra singh Thapa Magar		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	BhimBahadurKalikote		

ONGOING



AFTER



1	Name of Program: Rain Water Runoff Harvesting Dam			
2	Name of Activity: RCC and Gabbion work			
3	Location:Sambhunath Municipality	Ward: 02	Place: Bhalu Khola	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.647977 Y: 86.732012			
6	Cost:- a) Estimated:			
Office:	1432974.93	User: 242651.83	Others:	Total: 1675626.76
	b) Actual Expenditure:			
Office:	1432974.93	User:270064.28	Others:	Total: 1703039.22
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> RCC Check dam is constructed on base of landslide and other small gullies. Gabbion Lanching apron is provide to control debris flow and check the surface erosion. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and debris flow has been reduced.		
12	Benefited HH	Total:225	Dalit: 25	Janjati: 100 Other: 100
13	Employment Generated:	770 Md.		
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.		
17	Other:	User Group Name:	Bhalu Khola Rain water of Harvesting Dam U.C.	
		Chair Person:	Ganeshor Singh	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program: Intigrated Conservation Program In Khando River System			
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthern dam			
3	Location: Sambhunath Municipality	Ward: 02	Place: Kanakpatti	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.647397 Y: 86.704580			
6	Cost:- a) Estimated:			
Office:	5262412.18	User: 677283.26	Others:	Total: 5939695.44
b) Actual Expenditure:				
Office:	5262412.18	User: 737833.87	Others:	Total: 6000246.05
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 500	Dalit: 200	Janjati: 100
13	Employment Generated:	1550 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Kanakpatti-2,Akikrit Khando Khola Nadi Niyrantran U.C.	
		Chair Person:	Devkant Chaudhary	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Intigrated Conservation Program In Khando River System			
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthern dam			
3	Location: Rajbiraj Municipality	Ward: 15	Place: Dewri Bharauwa	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.522338 Y: 86.785265			
6	Cost:- a) Estimated:			
Office:	4807692.31	User: 686621.83	Others:	Total: 5494314.13
b) Actual Expenditure:				
Office:	4807692.31	User: 696969.80	Others:	Total: 5504662.11
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 250	Dalit: 20	Janjati: 110
13	Employment Generated:	750 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Maa Khano Nadi Niyrantran U.C.	
		Chair Person:	Ram Narayan Yadav	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program: Intigrated Conservation Program In Khando River System			
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthern dam			
3	Location: Rajbiraj Municipality	Ward: 15	Place: Musharniya	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.522225 Y: 86.786843			
6	Cost:- a) Estimated:			
Office:	2884615.38	User: 528946.10	Others:	Total: 3413561.49
b) Actual Expenditure:				
Office:	2884615.38	User: 535378.63	Others:	Total: 3419994.01
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 250	Dalit: 20	Janjati: 110
13	Employment Generated:	500 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Khano Nadi Niyantaran U.C.	
		Chair Person:	Bindu Yadav	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program: Intigrated Conservation Program In Khando River System			
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthern dam			
3	Location: Agnisair K.R. Municipality	Ward: 04	Place: Belha	F/Y: 2077/078
4	Name of River System: Khando River System			
5	GPS Coordinate: X: 26.638884 Y: 86.782197			
6	Cost:- a) Estimated:			
Office:	3846153.85	User: 619356.64	Others:	Total: 4465510.49
b) Actual Expenditure:				
Office:	3846153.85	User: 622146.70	Others:	Total: 4468300.55
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 300	Dalit:100	Janjati: 50
13	Employment Generated:	650 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Amsot Nadi Niyrantran U.C.	
		Chair Person:	Jagdish Jha	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



1	Name of Program:	Intigrated Conservation Program In Khando River System			
2	Name of Activity:	RCC and Gabbion work			
3	Location:	Agnisair K.R.Municipality	Ward: 02	Place: Chaufal	F/Y: 2077/078
4	Name of River System:	Khando River System			
5	GPS Coordinate:	X: 26.639989	Y: 86.755664		
6	Cost:- a) Estimated:				
Office:	2419230.77	User: 471866.50	Others:	Total: 2891097.27	
b) Actual Expenditure:					
Office:	2417523.64	User:470489.24	Others:	Total: 2888012.88	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> RCC Check dam is constructed on base of landslide and other small gullies. Gabbion Lanching apron is providing to control debris flow and check the surface erosion. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	To some extent, the gully/ landslide is controlled and debris flow has been reduced.			
12	Benefited HH	Total:1230	Dalit: 300	Janjati: 500	Other: 430
13	Employment Generated:	770 Md.			
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.			
17	Other:	User Group Name:	Ban Devi Kholsi U.C.		
		Chair Person:	Tarakant Chaudhary		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	BhimBahadurKalikote		

ONGOING



AFTER



BALAN RIVER SYSTEM

1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work			
3	Location: Dhandgadhi Municipality	Ward: 14	Place: Sarre Khola	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.902093		Y: 86.404587	
6	Cost:- a) Estimated:			
Office:	1923076.92	User: 264378.79	Others:	Total: 2187455.71
b) Actual Expenditure:				
Office:	1923076.92	User: 272573.47	Others:	Total: 2195650.39
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and protect devitthanmandir and other properties. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed along the gullies and landslide. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.		
12	Benefited HH	Total: 77	Dalit: 5	Janjati: 70
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.		
17	Other:	User Group Name:	Balan Nadi Galchhi Pahiro Niyran UC, Block 1	
		Chair Person:	Bir Bahadur Tamang	
		Site Incharge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work			
3	Location: Dhangadhi Municipality	Ward: 14	Place: Charkune Kholsi	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.892023 Y: 86.412349			
6	Cost:- a) Estimated:			
Office:	2923076.92	User: 237691.32	Others:	Total: 2160768.23
b) Actual Expenditure:				
Office:	1923076.92	User: 245885.99	Others:	Total: 2168962..91
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide and its debris flow on the river. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed along the gullies and landslide. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the problem of road blockade at the point is solved.		
12	Benefited HH	Total: 84	Dalit: 7	Janjati: 75 Other: 2
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Budget was very low as compared to severity of landslide. More budget is needed to be allocated and other supporting structures are need to be made to control landslide and make existing structure sustainable.		
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.		
17	Other:	User Group Name:	Balan Nadi Galchhi Pahiro Niyran UC, Block 2	
		Chair Person:	Dan Bahadur	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

Before



AFTER



1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work, Bamboo Plantation			
3	Location: Dhangadhimai Municipality	Ward: 14	Place: Rai Raini Khola	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.874313° Y: 86.421713			
6	Cost:- a) Estimated:			
Office:	1923076.92	User: 245253.99	Others:	Total: 2168330.92
b) Actual Expenditure:				
Office:	1923076.92	User: 258678.39	Others:	Total: 2181755.32
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed along the gullies and landslide. Bamboo plantation was done to control debris flow and check the surface erosion. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and structures are saved.		
12	Benefited HH	Total: 99	Dalit: 3	Janjati: 90
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of skilled labor was one of the factors causing delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.		
17	Other:	User Group Name:	Rupani Khola Khahare Niyrantran UC	
		Chair Person:	Narendra Sunuwar	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

DURING



AFTER



1	Name of Program:	Gully, Landslide and Torrent Control				
2	Name of Activity:	Gabion Work, Bamboo Plantation				
3	Location:	Lahan Municipality	Ward: 15	Place: Betha Khola	F/Y: 2077/078	
4	Name of River System:	Balan River System				
5	GPS Coordinate:	X: 26.843075		Y: 86.495151		
6	Cost:- a) Estimated:					
Office:	1923076.92	User:	269410.37	Others:	Total: 2192487.30	
b) Actual Expenditure:						
Office:	1923076.92	User:	283394.12	Others:	Total: 2206471.05	
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 				
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed on base of landslide and other small gullies. Bamboo plantation was done to control debris flow and check the surface erosion. 				
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.				
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11	Effect/impact:	To some extent, the gully/ landslide is controlled and debris flow has been reduced.				
12	Benefited HH	Total: 87	Dalit:	Janjati: 87	Madhesi:	Other: 0
13	Employment Generated:	250 Md.				
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.				
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16	Lesson learned:	Physical engineering structure is crucial for immediate control while bio engineering provides benefits in long run.				
17	Other:	User Group Name:	Betha Khola Galchhi Pahiro Roktham U.C.			
		Chair Person:	Karn Bahadur Tamang			
		Site In charge:	Anil Kumar Chaudhary			
		Unit Officer:	BhimBahadurKalikote			

BEFORE



AFTER



1	Name of Program: Gully, Landslide and Torrent Control			
2	Name of Activity: Gabion Work, Bamboo Plantation			
3	Location: Lahan Municipality	Ward: 16	Place: Taregana Govindpur	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.789033		Y: 86.516745	
6	Cost:- a) Estimated:			
Office:	854700	User:	Others:	Total:854700
b) Actual Expenditure:				
Office:	854700	User: 854700	Others:	Total: 854700
7	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To control the existing landslide through bio-engineering process. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Check dam and wall is constructed on the gully. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, bamboo and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	To some extent, the gully/ landslide is controlled and the road at the point has become stable compared to previous years.		
12	Benefited HH	Total: 350	Dalit: 50	Janjati: 150
13	Employment Generated:	250 Md.		
14	Problem faced:	Covid 19 and lockdown caused delay in timely payment of the work.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	A gully develops in three distinct stages; waterfall erosion; channel erosion along the gully bed; and landslide erosion on gully banks. Correct gully control measures must be determined according to these development stages. Once gullies have begun to form, however, they must be treated as soon as possible, to minimize further damage and restore stability.		
17	Other:	User Group Name:	Surya Kund Engineering & Builders Pvt.Ltd.	
		Chair Person:	Chandeshor Chaudhary	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: River Bank Stabilization				
2	Name of Activity: Revetment with Launching (Gabion Work) and Earthen dam				
3	Location: Dhangadhimai Municipality	Ward: 14	Place: Sarre Ambas	F/Y: 2077/078	
4	Name of River System: Balan River System				
5	GPS Coordinate: X: 26.858380 Y: 86.413140				
6	Cost:- a) Estimated:				
Office:	2782994	User:	Others:	Total: 2782994	
b) Actual Expenditure:					
Office:	2782994	User: 532403.47	Others:	Total: 2782994	
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion revetment and earthen dam are provided to prevent overflow and river bank cutting. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.			
12	Benefited HH	Total: 200	Dalit: 5	Janjati: 170	Other: 25
13	Employment Generated:	1150 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.			
17	Other:	User Group Name:	Royal Nirman Sewa		
		Chair Person:	Mahendra Pradhan		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	BhimBahadurKalikote		

BEFORE



DURING



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond excavation and Overflow Construction			
3	Location: Dhangadimai Municipality	Ward: 13	Place: Chyan Ddanda	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.809752 Y: 86.408338°			
6	Cost:- a) Estimated:			
Office:	1250000	User: 134296.91	Others:	Total: 1384296.91
b) Actual Expenditure:				
Office:	1250000	User: 179855.22	Others:	Total: 1429855.21
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. At one end of the spectrum of the pond, was built with heavy masonry and concrete lining, and at the other ends are those simple dugout types without any lining. Infiltration can take place from the sides and bottoms of the ponds.		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment as per estimate and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased, irrigation and drinking water to domestic and wild animals was provided.		
12	Benefited HH	Total:120	Dalit: 20	Janjati: 45 Other: 55
13	Employment Generated:	100 Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Complex RCC structure construction should be conducted through tender process as the local community lacks the required skilled manpower.		
17	Other:	User Group Name:	Chyan Danda Pokhari Nirman U.C.	
		Chair Person:	Prem Kumar Lama	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond excavation and Over Flow Construction			
3	Location: Dhangadhimai Municipality	Ward: 12	Place: Simaltoki	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.787852 Y: 86.435927			
6	Cost:- a) Estimated:			
Office:	1250000	User:	177545.55	Others: Total: 1427545.55
b) Actual Expenditure:				
Office:	1250000	User:	200219.86	Others: Total: 1450219.86
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam.		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased, and irrigation facility is eased.		
12	Benefited HH	Total: 171	Dalit: 11	Janjati: 60 Other: 100
13	Employment Generated:	100 Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism.		
17	Other:	User Group Name:	Shree Pakhair Gachhi Jaladhar Samrakshan Pokhari U.C.	
		Chair Person:	Jagrup Mahto	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

BEFORE



AFTER



1	Name of Program: Ground Water Recharge and its Utilization				
2	Name of Activity: Pond excavation, Stone Masonry wall, RCC Dam Construction				
3	Location: Dhangadhimai Municipality	Ward: 12	Place: Gudditol	F/Y: 2077/078	
4	Name of River System: Balan River System				
5	GPS Coordinate: X: 26.792303 Y: 86.413167				
6	Cost:- a) Estimated:				
Office:	1250000	User: 205548.39	Others:	Total: 1455538.39	
b) Actual Expenditure:					
Office:	1250000	User: 209287.59	Others:	Total: 1459287.59	
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 			
8	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. At one end of the spectrum of the pond, was built with heavy masonry and concrete lining, and at the other ends are those simple dugout types without any lining. Infiltration can take place from the sides and bottoms of the ponds.			
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment as per estimate and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	Moisture around the area has been increased, irrigation and drinking water to domestic and wild animals was provided.			
12	Benefited HH	Total: 63	Dalit: 23	Janjati: 17	Other: 23
13	Employment Generated:	650 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Complex RCC structure construction should be conducted through tender process as the local community lacks the required skilled manpower.			
17	Other:	User Group Name:	Rastiyapati Chure Terai Madesh Samrakshan Vikas Jaladhar Pokhari Nirman U.C.		
		Chair Person:	Prakash Yadav		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	BhimBahadurKalikote		

ONGOING



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond excavation, Stone Masonry wall, RCC Dam Construction			
3	Location: Dhangadhimai Municipality	Ward: 14	Place: Ranha	F/Y: 2077/078
4	Name of River System: Balan River System			
5	GPS Coordinate: X: 26.789573 Y: 86.445223			
6	Cost:- a) Estimated:			
Office:	125000	User: 177896.05	Others:	Total: 1427896.05
b) Actual Expenditure:				
Office:	1250000	User: 189313.27	Others:	Total: 1434313.27
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. At one end of the spectrum of the pond, was built with heavy masonry and concrete lining, and at the other ends are those simple dugout types without any lining. Infiltration can take place from the sides and bottoms of the ponds.		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment as per estimate and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased, irrigation and drinking water to domestic and wild animals was provided.		
12	Benefited HH	Total: 75	Dalit: 10	Janjati: 50 Other: 15
13	Employment Generated:	150 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Complex RCC structure construction should be conducted through tender process as the local community lacks the required skilled manpower.		
17	Other:	User Group Name:	Shree Krishi Dadar Jaladhar Samrakshan Pokhari Ranha	
		Chair Person:	Ramsundar Shah	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	BhimBahadurKalikote	

ONGOING



AFTER



BIHUL RIVER SYSTEM

1	Name of Program: River Bank Stabilization			
2	Name of Activity: Toe wall and Spurs with Launching and Piching (Gabion Work)			
3	Location: Blan Bihul R.Municipality	Ward: 01	Place: Malhaniya Balanpatti Tol	F/Y: 207&/078
4	Name of River System: Bihul River System			
5	GPS Coordinate: X: 26.603872 Y: 86.532388			
6	Cost:- a) Estimated:			
Office:	6250000	User: 1176405.47	Others:	Total: 7426405.47
b) Actual Expenditure:				
Office:	6250000	User: 1189410.36	Others:	Total: 7439410.36
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion toe wall is provided to prevent overflow and river bank cutting. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.		
12	Benefited HH	Total: 250	Dalit: 25	Janjati: 90
13	Employment Generated:	800 Md.		
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.		
17	Other:	User Group Name:	Bihul Mata U.C.	
		Chair Person:	Hirday Narayan Yadav	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	Bhim Bahadur Kalikote	

BEFORE



AFTER



1	Name of Program:	River Bank Stabilization			
2	Name of Activity:	Launching ,Piching ,Earthen Dike and Bamboo Plantation work(Gabion Work)			
3	Location:	Khadak Municipality	Ward: 08	Place: Khojpur Dholbaja	F/Y: 2077/078
4	Name of River System:	Bihul River System			
5	GPS Coordinate:	X: 26.626927	Y: 86.584433		
6	Cost:- a) Estimated:				
Office:	5480769.23	User: 1392386.97	Others:	Total: 6873156.20	
b) Actual Expenditure:					
Office:	4890764.70	User: 1242496.58	Others:	Total: 6133261.29	
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land and human settlement within the area. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion toe wall is provided to prevent overflow and river bank cutting. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.			
12	Benefited HH	Total: 500	Dalit: 250	Janjati: 150	Other: 200
13	Employment Generated:	775 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.			
17	Other:	User Group Name:	Khola Thatha Nadi Kinara Sthirikaran Beyabasthapan Karyakram U.C.		
		Chair Person:	Faruk Husen		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

BEFORE



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond and Overflow Construction			
3	Location: Khadak Municipality	Ward: 04	Place: Plar	F/Y: 2077/078
4	Name of River System: Bihul River System			
5	GPS Coordinate: X: 26.674102 Y: 86.568262			
6	Cost:- a) Estimated:			
Office:	1442307.69	User: 235219.28	Others:	Total: 1677526.97
b) Actual Expenditure:				
Office:	1442307.69	User: 249404.85	Others:	Total: 1691712.53
7	Objectives:	<ul style="list-style-type: none"> • To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. • To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Pond was excavated and the outcome materials were piled up at the edge of pond creating earthen dam. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.		
12	Benefited HH	Total: 250	Dalit: 125	Janjati: 100 Other: 25
13	Employment Generated:	150 Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism.		
17	Other:	User Group Name:	Gobraha CFUG	
		Chair Person:	Dharm Narayan Chaudhary	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	Bhim Bahadur Kalikote	

BEFORE



AFTER



1	Name of Program: Ground Water Recharge and its Utilization			
2	Name of Activity: Pond and Overflow Construction			
3	Location: Khadak Municipality	Ward: 5	Place: Sakhuwahi Ranjitpur	F/Y: 2077/078
4	Name of River System: Bihul River System			
5	GPS Coordinate: X: 26.670432 Y: 86.604637			
6	Cost:- a) Estimated:			
Office:	1435683.56	User:	172227.39	Others: Total: 1607910.95
b) Actual Expenditure:				
Office:	1435683.56	User:	172227.39	Others: Total: 1607910.95
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 		
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam. 		
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.		
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.		
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.		
12	Benefited HH	Total: 275	Dalit: 25	Janjati: 100 Other: 150
13	Employment Generated:	250 Md.		
14	Problem faced:	Shortage of equipment caused the delay in the completion of the project.		
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.		
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism.		
17	Other:	User Group Name:	Skhuwahi CFUG	
		Chair Person:	Birbal Mandal	
		Site In charge:	Anil Kumar Chaudhary	
		Unit Officer:	Bhim Bahadur Kalikote	

ONGOING



AFTER



1	Name of Program: Ground Water Recharge and its Utilization				
2	Name of Activity: Pond and Overflow Construction				
3	Location: Khadak Municipality	Ward: 08	Place: Benga Dawar	F/Y: 2077/078	
4	Name of River System: Bihul River System				
5	GPS Coordinate: X: 26.668338 Y: 86.618125				
6	Cost:- a) Estimated:				
Office:	1442307.69	User: 166206.95	Others:	Total: 1608514.64	
b) Actual Expenditure:					
Office:	1438883.93	User: 165802.27	Others:	Total: 1604686.20	
7	Objectives:	<ul style="list-style-type: none"> • To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. • To improve irrigation facility in dry season. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.			
12	Benefited HH	Total: 280	Dalit: 50	Janjati: 30	Other:200
13	Employment Generated:	200 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism			
17	Other:	User Group Name:	Benga Dawarma Pokhari Nirman U.C.		
		Chair Person:	Mo. Irsad Rain		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

BEFORE



AFTER



1	Name of Program: Green Belt Development				
2	Name of Activity: Plantation of Bamboo and other trees				
3	Location: Khadak Municipality	Ward: 05	Place: Hurahuri Ter	F/Y: 2077/078	
4	Name of River System: Biring River System				
5	GPS Coordinate: X: 26.657404 Y: 86.596014				
6	Cost:- a) Estimated:				
Office:	72000	User: 13090	Others:	Total: 85090	
b) Actual Expenditure:					
Office:	72000	User: 13090	Others:	Total: 85090	
7	Objectives:	<ul style="list-style-type: none"> Stabilization of river bank 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Plantation on the river bank 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the plants and the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	The water has been stored by harvesting the run off water and soil moisture around the area has increased.			
12	Benefited HH	Total: 150	Dalit: 15	Janjati: 50	Other: 15
13	Employment Generated:	75 Md.			
14	Problem faced:	Rainy season cause delay in the completion of the project.			
15	Maintenance / Sustainability:	The regular maintenance and if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity			
17	Other:	User Group Name:	Sakhuwahi CFUG		
		Chair Person:	Birbal Mandal		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

ONGOING



AFTER



KHDAK RIVER SYSTEM

1	Name of Program:	River Bank Stabilization			
2	Name of Activity:	Toe wall, Launching (Gabion Work) , Bamboo Plantation			
3	Location: Khadak Municipality	Ward: 08	Place: Muslim Tol		F/Y: 2077/078
4	Name of River System:	Khadak River System			
5	GPS Coordinate:	X: 26.626927	Y: 86.584433		
6	Cost:- a) Estimated:				
Office:	5096153.84	User: 896712.42	Others:	Total: 5992866.26	
b) Actual Expenditure:					
Office:	5096153.84	User: 896712.42	Others:	Total: 5992866.26	
7	Objectives:	<ul style="list-style-type: none"> • To control the riverbank cutting and stabilize the flow of river. • To protect the agricultural land, rural road and human settlement within the area. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Gabion launching is provided to prevent scouring and protect the structure. • Gabion toe wall is provided to prevent overflow and river bank cutting. • Earthen dam is provided which is functioned as road that was previously damaged by flood. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.			
12	Benefited HH	Total: 600	Dalit:	Janjati:	Other: 600
13	Employment Generated:	950 Md.			
14	Problem faced:	Shortage of skilled labor caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.			
17	Other:	User Group Name:	Khola Tatha Nadi Kinara Sthirikaran Bewasthapan Karyakram U.C.		
		Chair Person:	Haksar Hak		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

BEFORE



AFTER



1	Name of Program:	River Bank Stabilization			
2	Name of Activity:	Revetment with Launching (Gabion Work) and Earthen Dam, Bamboo Plantation			
3	Location: Bodebarsain Municipality	Ward:10	Place: Amrainya	F/Y: 2077/078	
4	Name of River System:	Khadak River System			
5	GPS Coordinate:	X: 26.540260	Y: 86.596942		
6	Cost:- a) Estimated:				
Office:	5576923.08	User: 787882	Others:	Total: 6364805.08	
b) Actual Expenditure:					
Office:	5576923.08	User: 799628.35	Others:	Total: 6376551.43	
7	Objectives:	<ul style="list-style-type: none"> To control the riverbank cutting and stabilize the flow of river. To protect the agricultural land, rural road and human settlement within the area. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion launching is provided to prevent scouring and protect the structure. Gabion toe wall is provided to prevent overflow and river bank cutting. Earthen dam is provided which is functioned as road that was previously damaged by flood. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	The risk of river bank cutting and damage of agricultural land and settlement is reduced.			
12	Benefited HH	Total: 900	Dalit: 300	Janjati: 200	Other: 400
13	Employment Generated:	1000Md.			
14	Problem faced:	Shortage of skilled labor caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Big budgeted programs should be conducted through tender process as the local community lacks the required manpower.			
17	Other:	User Group Name:	Shree Khadak Nadi Niyrantran U.C.		
		Chair Person:	Vijay Yadav		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

BEFORE



AFTER



	Name of Program: Ground Water Recharge and its Utilization				
2	Name of Activity: Pond and Overflow Construction				
3	Location: Khadak Municipality	Ward: 06	Place: Khoriya	F/Y: 2077/078	
4	Name of River System: Khadak River System				
5	GPS Coordinate: X: 26.654528 Y: 86.635530				
6	Cost:- a) Estimated:				
Office:	1433197.56	User: 236863.39	Others:	Total: 1670060.95	
	b) Actual Expenditure:				
Office:	1433197.56	User: 304856.03	Others:	Total: 1738053.59	
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.			
12	Benefited HH	Total: 250	Dalit: 25	Janjati:150	Other: 75
13	Employment Generated:	150 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism			
17	Other:	User Group Name:	Khoriya Pokhari Nirman U.C.		
		Chair Person:	Karmchand Chaudhary		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

1

ONGOING**AFTER**

1	Name of Program: Ground Water Recharge and its Utilization				
2	Name of Activity: Pond and Overflow Construction				
3	Location: Khadak Municipality	Ward: 06	Place: Birpur	F/Y: 2077/078	
4	Name of River System: Khadak River System				
5	GPS Coordinate: X: 26.650605 Y: 86.644363				
6	Cost:- a) Estimated:				
Office:	1435995.01	User: 164129.34	Others:	Total: 1600124.84	
b) Actual Expenditure:					
Office:	1435995.01	User: 165869.99	Others:	Total: 1601865	
7	Objectives:	<ul style="list-style-type: none"> • To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. • To improve irrigation facility in dry season. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.			
12	Benefited HH	Total: 175	Dalit: 25	Janjati: 50	Other: 175
13	Employment Generated:	200 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism			
17	Other:	User Group Name:	Birpur Satahmuniko Pani Upyog U.C.		
		Chair Person:	Najibul Miya		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

ONGOING



AFTER



1	Name of Program: Ground Water Recharge and its Utilization				
2	Name of Activity: Pond and Overflow Construction				
3	Location: Sambhunath Municipality	Ward: 07	Place: Sabaiya Damabati	F/Y: 2077/078	
4	Name of River System: Bihul River System				
5	GPS Coordinate: X: 26.653650 Y: 86.666227				
6	Cost:- a) Estimated:				
Office:	1435683.56	User:	172227.39	Others:	Total: 1607910.95
b) Actual Expenditure:					
Office:	1433474.01	User:	166098.23	Others:	Total: 1599572.24
7	Objectives:	<ul style="list-style-type: none"> To store the rain water by harvesting immediate runoff and providing aid in ground water recharge. To improve irrigation facility in dry season. 			
8	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Pond was excavated and the outcome materials was piled up at the edge of pond creating earthen dam. 			
9	Implementation process:	User group approach. According to the agreement, the concerned user group managed required materials and equipment and completed the work by using local manpower available.			
10	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11	Effect/impact:	Moisture around the area has been increased and it will also help in economic condition of community through IGA.			
12	Benefited HH	Total: 315	Dalit: 15	Janjati: 200	Madhesi: Other: 100
13	Employment Generated:	200 Md.			
14	Problem faced:	Shortage of skilled labor and Covid 19 lockdown caused the delay in the completion of the project.			
15	Maintenance / Sustainability:	Structures require regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16	Lesson learned:	Wetlands and conservation ponds not only helps in ground water recharge and maintaining moisture, it also plays a vital role in promoting tourism			
17	Other:	User Group Name:	HATHIDHUNGA CFUG.		
		Chair Person:	Raj Narayan Chaudhary		
		Site In charge:	Anil Kumar Chaudhary		
		Unit Officer:	Bhim Bahadur Kalikote		

ONGOING



AFTER



Name of Activity: Plantation and green belt formation on the river bank				
Name of Program: Green belt formation on the river bank				
Location: Khadak Municipality		Ward: 8	Place: Pahade Tol Bhadiya	
F/Y: 2077/78				
Name of River System: Khadak River System				
GPS Coordinate:		X: 26.642071		Y: 86.654000
Cost:- a) Estimated:				
Office: 72000		User: 13090	Others:	Total: 85090
b) Actual Expenditure:				
Office: 72000		User: 13090	Others:	Total: 85090
Objectives:	<ul style="list-style-type: none"> Stabilization of river bank 			
Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Plantation on the river bank 			
Implementation process:	User group approach. According to the agreement, the concerned user group purchased the plants and the work by using local manpower available.			
Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
Effect/impact:	River bank stabilization			
Benefited HH	Total: 225	Dalit: 25	Janjati: 50	Other: 150
Employment Generated:	75			
Problem faced:	Rainy season cause delay in the completion of the project.			
Maintenance / Sustainability:	The regular maintenance and if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity			
Other:	User Group Name: Briksharopan U.C. Chair Person: Babar Ali Site Incharge: Anil Kumar Chaudhary Unit Officer: Bhim Bahadur Kalikote			

BEFORE



AFTER



ON
ME
, M

BAKRAHA RIVER SYSTEM

1.	Name of Activity: Gabion Checkdam, Retaining wall construction					
2.	Name of Program: Gully, Landslide and Torrent control					
3.	Location: Miklajung	Ward: 2	Place: Hardiya Pahiro	F/Y: 2077/78		
4.	Name of River System: Bakraha River System					
5.	GPS Coordinate: E 87.662466 N 26. 771070					
6.	Cost:- a) Estimated					
Office: 4588027.71 (With 4% contingency)		User: 544655.24	Others:00.00	Total: 5132682.96		
b) Actual Expenditure:						
Office: 4411565.11		User: 612980.83	Others: 00.00	Total: 5024545.74		
7.	Objectives:	To control landslide and mudslide. To improve gully catchments to reduce and regulate the run off rates To conserve and protect the settlement.				
8.	Conservation Measure / Technique applied:	Gabion check dam is constructed. Bamboo plantation was done to control debris flow and check the surface erosion				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone then completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	To some extent, the gully/ landslide is controlled.				
12.	Benefited HH	Total: 850	Dalit: 50	Janjati: 500	Madhesi: 00	Other: 300
13.	Employment Generated:	1890 Mds				
14.	Problem faced:	Unavailability of construction materials and labors on time.				
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity				
17.	Other:	User Group Name : Hardiya Khola Galchhi Pahiro Khahare Roktham UpabhoktaSamiti Chair Person: Yogendra Shiwa Darji Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

Before



After



1.	Name of Activity: Gabion Checkdam, Bioengineering						
2.	Name of Program: Gully,Landslide and Torrent control						
3.	Location: Miklajung	Ward: 2	Place: Pichule Raju Pahiro			F/Y: 2077/78	
4.	Name of River System: Ratuwa River System						
5.	GPS Coordinate: E 87.662466		N 26. 771070				
6.	Cost:- a) Estimated						
Office: 4327519.45(With 4% contingency)		User: 500660.52		Others:00.00		Total: 4828179.97	
b) Actual Expenditure:							
Office: 4161076.40		User: 568072.08			Others: 00.00		Total: 4729148.48
7.	Objectives:	To control the landslide.To improve gully catchments to reduce and regulate the run off rates To conserve and protect the settlement.					
8.	Conservation Measure / Technique applied:	Gabion check dam is constructed. Bamboo plantation was done to control debris flow and check the surface erosion					
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone then completed the work by using local manpower available.					
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.					
11.	Effect/impact:	To some extent, the gully/ landslide is controlled.					
12.	Benefited HH	Total: 25	Dalit: 3	Janjati: 22	Madhesi: 00	Other: 0	
13.	Employment Generated:	1783 Mds					
14.	Problem faced:	Unavailability of construction materials and labors on time.					
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.					
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity					
17.	Other:	User Group Name : Pichule Raju Galchhi Pahiro khahare Roktham Upabhokta Samiti Chair Person: Janga Bahadur Shrestha Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote					

Before



After



1.	Name of Activity: Construction of Earthen dike, Revetment and lanching apron				
2.	Name of Program: River Bank Stablization Program				
3.	Location: Urlabari	Ward: 4	Place: Bakraha Khola Pul Uttar	F/Y: 2077/78	
4.	Name of River System: Bakraha River System				
5.	GPS Coordinate: E 87.614987 N 26.667722				
6.	Cost:- a)Estimated:				
Office: 5735600.00(Including Contingency)		User: 715330.16	Others:	Total: 6450930.16	
b) Actual Expenditure:					
Office: 5341822.75		User: 680441.21	Others:	Total: 6022263.96	
7.	Objectives:	<ul style="list-style-type: none"> • Conservation of river bank and stabilization • To conserve and protect the settlement with agriculture land. 			
8.	Conservation Measure / Technique applied:	Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Grass sodding and Bamboo Plantation was done on the slope of the earthen embankment.			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11.	Effect/impact:	Protection of river bank and the village side by. Increased land's value of river bank. 6 ha land has been protected.			
12.	Benefited HH	Total: 500	Dalit:130	Janjati:260	Madhesi: Other:110
13.	Employment Generated:	2289			
14.	Problem faced:	Unavailability of materials on time. And shortage of workers .			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintainance work as and when required			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Bakraha Nadi Tatbandhan Upabhokta Samiti Chair Person: Manoj Nepal Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

Before

During

After



1.	Name of Activity: Construction of Gabion Retaining wall					
2.	Name of Program: River Bank Stabilization Program					
3.	Location: Patharishanishchare	Ward: 5	Place: Maulibari	F/Y: 2077/78		
4.	Name of River System: Bakraha River System					
5.	GPS Coordinate: E 87.598590 N 26.602613					
6.	Cost:- a) Estimated:					
Office: 6158880.00(Including Contingency)		User: 663948.14		Others:		Total: 6822828.14
b) Actual Expenditure:						
Office: 5872000.00		User: 663274.50		Others:		Total: 6535274.50
7.	Objectives:	<ul style="list-style-type: none"> • Conservation of river bank and stabilization • To conserve and protect the settlement agriculture land 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Launching and Retaining wall were constructed on the earthen embankment on the side river. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	Protection of river bank and the village side by. 15 Ha land has been protected.				
12.	Benefited HH	Total: 410	Dalit:50	Janjati:110	Madhesi:	Other:250
13.	Employment Generated:	2516				
14.	Problem faced:	Unavailability of materials on time.				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintainance work as and when required				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Maulibari Bakraha Bandh Marmat Upabhokta Samiti Chair Person: Manoj Kumar Gautam Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

Before

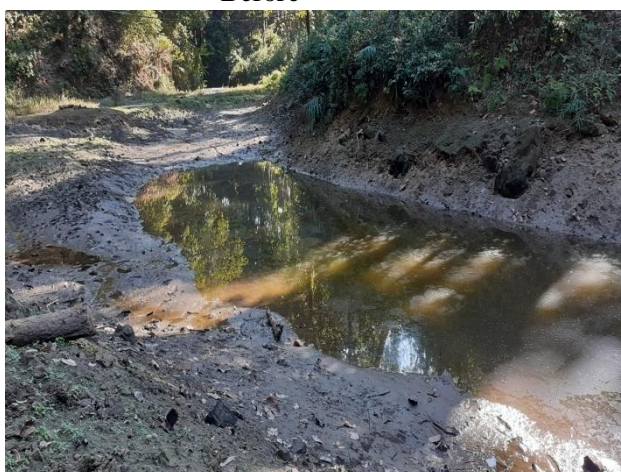


After



1.	Name of Activity: Pond Construction with Revetment wall(Dam)					
2.	Name of Program: Ground Water Recharge and Utilization of Surface water					
3.	Location: Miklajung	Ward: 4	Place: Dipupanchami	F/Y: 2077/78		
4.	Name of River System: Bakraha River System					
5.	GPS Coordinate: E 87.579227 N 26. 781591					
6.	Cost:- a)Estimated:					
Office: 1289954.63(Including Contingency)		User: 182123.70		Others:		Total: 1472078.33
b) Actual Expenditure:						
Office: 1227606.13		User: 179284.15		Others:		Total: 1406890.28
7.	Objectives:	<ul style="list-style-type: none"> Ground water recharge, to promote eco tourism 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. RCC dam was constructed to hold the water and make it beautiful pond. Infiltration can take place from the sides and bottoms of the ponds. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the material and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	Ponds are an appropriate and practical means of establishing such a system for collection and storing water or in other words for replenishing the "water tower". The pond has served a number of other purposes like maintaining soil moisture for the growth of shallow rooted vegetation, enhancing natural rates of groundwater recharge and low cost method of augmenting groundwater sources.				
12.	Benefited HH	Total: 662	Dalit: 105	Janjati: 557	Madhesi:	Other:
13.	Employment Generated:	526				
14.	Problem faced:	Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project.				
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Dipupanchami Simsar Sanrakshan Upabhokta Samiti Chair Person: Krishna Bahadur Chandabung Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

Before



After



1.	Name of Activity: Construction of Dam				
2.	Name of Program: Wetland conservation and Management				
3.	Location: Urlabari	Ward: 2	Place: Betini Simsar(Dumre pokhari)	F/Y: 2077/78	
4.	Name of River System: Bakraha River System				
5.	GPS Coordinate: E 87.610508940 N 26. 683028209				
6.	Cost:- a)Estimated:				
	Office: 2000000. (Including Contingency)	User: 371116.21	Others:	Total: 2371116.21	
	b) Actual Expenditure:				
	Office: 1923077.87	User: 473702.28	Others:	Total: 2396780.14	
7.	Objectives:	To construction of dam and retaning wall in the new pond to make swimming pool.			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> New pond was constructed to hold water as well as to make it as a swimming pool to add value of the wetland. RCC dam with pillars pcc retaining wall in south and west side was constructed. 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased material and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11.	Effect/impact:	The pond has served a number of other purposes like maintaining soil moisture for the growth of shallow rooted vegetation, enhancing natural rates of groundwater recharge and low cost method of augmenting groundwater sources.			
12.	Benefited HH	Total: 1475	Dalit: 150	Janjati:400	Madhesi: Other:925
13.	Employment Generated:	824			
14.	Problem faced:	Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project.			
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Betini Samudayik Ban Upabhokta Samuha Chair Person: Bhim Bahadur Rai Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

Before



After



1.	Name of Activity: Plantation and green belt formation on the river bank					
2.	Name of Program: Green belt formation on the river bank					
3.	Location: Sunbarasi	Ward: 1	Place: Dans khola kinar	F/Y: 2077/78		
4.	Name of River System: Bakraha River System					
5.	GPS Coordinate: E 87 ⁰ 31'394" N 26 ⁰ 34'229"					
6.	Cost:- a)Estimated:					
Office: 149483.78(Including Contingency)		User: 35933.6		Others:		Total: 185417.38
b) Actual Expenditure:						
Office: 143734.40		User: 35933.60		Others:		Total: 179668
7.	Objectives:	<ul style="list-style-type: none"> Stabilization of river bank 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> 988 Bamboo rhizome Plantation on the river bank 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the plants and the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	River bank sabilization				
12.	Benefited HH	Total: 72	Dalit: 4	Janjati:50	Madhesi:	Other:18
13.	Employment Generated:	112				
14.	Problem faced:					
15.	Maintenance / Sustainability:	The regular maintenance and if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity				
17.	Other:	User Group Name: Shree Dans Khola Kinara Brikshyaropan Sanrakshan samiti Chair Person: Jay Bahadur shrestha Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				



RATUWA RIVER SYSTEM

1.	Name of Activity: Gabion Checkdam,				
2.	Name of Program: Gully,Landslide and Torrent control				
3.	Location: Chulachuli	Ward: 6	Place: Lukuwa Pahiرو		F/Y: 2077/78
4.	Name of River System: Ratuwa River System				
5.	GPS Coordinate: E 87.665192 N 26. 826532				
6.	Cost:- a) Estimated				
	Office: 4077281.12 (With 4% contingency)	User: 510866.40	Others:00.00		Total: 4588147.52
	b) Actual Expenditure:				
	Office: 3366074.94	User: 473845.12	Others: 00.00		Total: 3838291.48
7.	Objectives:	To improve gully catchments to reduce and regulate the run off rates To conserve and protect the settlement.			
8.	Conservation Measure / Technique applied:	Gabion check dam is constructed.			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone then completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11.	Effect/impact:	To some extent, the gully/ landslide is controlled.			
12.	Benefited HH	Total: 305	Dalit: 17	Janjati: 283	Madhesi: 00 Other: 15
13.	Employment Generated:	1442 Mds			
14.	Problem faced:	Unavailability of construction materials and labors on time.			
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity			
17.	Other:	User Group Name : Lukuwa Pahiرو Niyrantran Upabhokta Samiti Ka Chair Person: Dik Bahadur Rai Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

Before



After



1.	Name of Activity: Gabion Checkdam, Bioengineering					
2.	Name of Program: Gully, Landslide and Torrent control					
3.	Location: Chulachuli	Ward: 6	Place: Lukuwa Pahi			F/Y: 2077/78
4.	Name of River System: Ratuwa River System					
5.	GPS Coordinate: E 87.667004 N 26.825287					
6.	Cost:- a) Estimated					
Office: 2930059.96(With 4% contingency)		User: 440864.28		Others: 00.00		Total: 3370924.24
b) Actual Expenditure:						
Office: 2357015.21		User: 347248		Others:		Total: 2704263.56
7.	Objectives:	To improve gully catchments to reduce and regulate the run off rates To conserve and protect the settlement.				
8.	Conservation Measure / Technique applied:	Gabion check dam is constructed. Bamboo plantation was done to control debris flow and check the surface erosion				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes and stone then completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	To some extent, the gully/ landslide is controlled.				
12.	Benefited HH	Total: 305	Dalit: 17	Janjati: 283	Madhesi: 00	Other: 15
13.	Employment Generated:	1010 Mds				
14.	Problem faced:	Unavailability of construction materials and labors on time.				
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity.				
17.	Other:	User Group Name : Lukuwa Pahi Niyantran Upabhokta Samiti Kha Chair Person: Deu Kumar Rai Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				

Before



After



1.	Name of Activity: Construction of Earthen dike, Revetment ,spur and launching apron.				
2.	Name of Program: River Bank Stabilization Program				
3.	Location: Kamal	Ward: 5	Place: Ratuwa khola ,Jhapa	F/Y: 2077/78	
4.	Name of River System: Ratuwa River System				
5.	GPS Coordinate: E 87. 717959 N 26. 671519				
6.	Cost:- a) Estimated				
Office: 7328503.49 (With 4% contingency)		User:		Others: 00.00	Total: 7328503.49
b) Actual Expenditure:					
Office: 4452851.39		User:		Others:	Total: 4452851.39
7.	Objectives:	To conserve and stabilize of river bank To conserve and protect the settlement			
8.	Conservation Measure / Technique applied:	Earthen dike ,Launching, Spur , Revetment were constructed on the Earstern embankment of the river.			
9.	Implementation process:	Contract process. According to the agreement, the concerned service provider purchased the gabion boxes, stone and completed the work by using local manpower available.			
10.	Gender/social consideration:				
11.	Effect/impact:	Protection of river bank and the village side adjoining the river bank. 20 Ha land has been protected.			
12.	Benefited HH	Total:	Dalit:	Janjati: 0	Madhesi: 00 Other:
13.	Employment Generated:	1688 Mds			
14.	Problem faced:	Unavailability of construction materials and labors on time.			
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16.	Lesson learned:				
17.	Other:	Contractor's Name : Royal Nirman Sewa Proprietor's Name : Mahendra Pradhan Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

Before



After



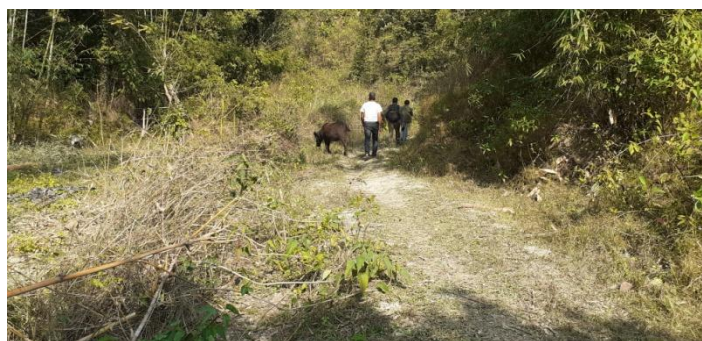
1.	Name of Activity: Construction of Earthen dike, Revetment and launching apron.				
2.	Name of Program: River Bank Stabilization Program				
3.	Location: Damak	Ward: 2	Place: Phalgunanda Buspark Ratuwa Khola	F/Y: 2076/77-077/078	
4.	Name of River System: Ratuwa River System				
5.	GPS Coordinate: Northing 26.701296°,Easting 87.706505°				
6.	Cost:- a) Estimated				
Office: 13998525.57 (With 4% contingency)		User:		Others: 00.00	Total: 13998525.57
b) Actual Expenditure:					
Office: 6033036.10		User:		Others:	Total: 6033036.10
7.	Objectives:	To conserve and stabilize of river bank To conserve and protect the settlement			
8.	Conservation Measure / Technique applied:	Earthen dike ,Launching, Revetment were constructed on the Western embankment of the Ratuwa river.			
9.	Implementation process:	Contract service approach. According to the agreement, the contractor purchased the gabion boxes, stone and completed the work by using local manpower available.			
10.	Gender/social consideration:				
11.	Effect/impact:	Protection of river bank and the village side adjoining the river bank. 30 Ha land has been protected.			
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi: 00 Other:
13.	Employment Generated:	2288 Mds			
14.	Problem faced:	Unavailability of construction materials and labors on time.			
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16.	Lesson learned:				
17.	Other:	Contractor's Name : ShantidevNirman Sewa Proprietor's Name : Mangal Lama Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: Construction of Spill way Gravity Dam					
2.	Name of Program: Wetland conservation and management programme					
3.	Location: Chulachuli	Ward: 3	Place: Shiva Orak Pokhari	F/Y: 2077/78		
4.	Name of River System: Ratuwa River System					
5.	GPS Coordinate: E 87°44'26.62"N 26°42'34.86"					
6.	Cost:- a) Estimated					
Office: 2121201.28 (With 4% contingency)		User: 438951.77		Others: 00.00		Total: 2560153.06
b) Actual Expenditure:						
Office: 2020320.83		User: 453846.40		Others:		Total: 2474167.22
7.	Objectives:	Ground water recharge and holding water in the pond. To promote eco tourism.				
8.	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. Gravity Dam was constructed across the stream to make a pond. Infiltration can take place from the sides and bottoms of the ponds.				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	Ponds are an appropriate and practical means of establishing such a system for collection and storing water or in other words for replenishing the "water tower". The pond has served a number of purposes like maintaining soil moisture for the growth of shallow rooted vegetation, enhancing natural rates of groundwater recharge and low cost method of augmenting groundwater sources.				
12.	Benefited HH	Total: 560	Dalit: 7	Janjati: 500	Madhesi: 00	Other: 53
13.	Employment Generated:	865Mds				
14.	Problem faced:					
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity.				
17.	Other:	User Group Name : Rateholi Pokhari Nirman Upabhokta Samiti Chair Person: Shambhu Rai Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Recharge Pond Construction					
2.	Name of Program: Ground Water Recharge and Utilization of Sub-surface Water					
3.	Location: Chulachuli	Ward: 3	Place: Chyangwaholi			F/Y: 2077/78
4.	Name of River System: Ratuwa River System					
5.	GPS Coordinate: E 87.739737 N 26.710000					
6.	Cost:- a) Estimated					
Office: 1278940.39(With 4% contingency)		User: 176563.43		Others: 00.00		Total: 1455503.82
b) Actual Expenditure:						
Office: 1132928.65		User :157790.55		Others:		Total: 1290719.20
7.	Objectives:	Ground water recharge				
8.	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system RCC dam is constructed . Infiltration can take place from the sides and bottoms of the ponds. Bamboo plantation was done.				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and bamboo and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	Ponds are an appropriate and practical means of establishing such a system for collection and storing water or in other words for replenishing the "water tower". The pond has served a number of purposes like maintaining soil moisture for the growth of shallow rooted vegetation, enhancing natural rates of groundwater recharge and low cost method of augmenting groundwater sources.				
12.	Benefited HH	Total: 80	Dalit: 5	Janjati: 70	Madhesi: 00	Other: 5
13.	Employment Generated:	485 Mds				
14.	Problem faced:	Unavailability of construction materials and labors on time.				
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:					
17.	Other:	User Group Name : Chyangwaholi Pokhari Nirman Upabhokta Samiti Chair Person: Man Kumar Tamang Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Recharge Pond Construction				
2.	Name of Program: Ground Water Recharge and Utilization of Sub-surface Water				
3.	Location: Chulachuli	Ward: 5	Place: Pokhari Tole	F/Y: 2077/78	
4.	Name of River System: Ratuwa River System				
5.	GPS Coordinate: E 87.710902 N 26.721937				
6.	Cost:- a) Estimated				
	Office: 1253514.98 (With 4% contingency)	User: 198281.33	Others: 00.00	Total: 1451796.31	
	b) Actual Expenditure:				
	Office: 1163076.56	User: 245653.74	Others:	Total: 1408730.30	
7.	Objectives:	Ground water recharge			
8.	Conservation Measure / Technique applied:	Recharge pond was constructed to hold water as well as to percolate it down into the ground water system. The ground was excavated and fruit seedlings were planted. Infiltration can take place from the sides and bottoms of the ponds.			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11.	Effect/impact:	Ponds are an appropriate and practical means of establishing such a system for collection and storing water or in other words for replenishing the "water tower". The pond has served a number of purposes like maintaining soil moisture for the growth of shallow rooted vegetation, enhancing natural rates of groundwater recharge and low cost method of augmenting groundwater sources.			
12.	Benefited HH	Total: 70	Dalit: 40	Janjati: 20	Madhesi: 00 Other: 10
13.	Employment Generated:	797 Mds			
14.	Problem faced:	Unavailability of construction materials and labors on time.			
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.			
16.	Lesson learned:				
17.	Other:	User Group Name : Siddidevi Pokhari Nirman Upabhokta Samiti Chair Person: Ram Bahadur Rai Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote			

Before



After



1.	Name of Activity: Construction of canal					
2.	Name of Program: Wetland conservation and management programme					
3.	Location: Damak	Ward: 3	Place: Dhukurpani Pokhari	F/Y: 2077/78		
4.	Name of River System: Ratuwa River System					
5.	GPS Coordinate: Northing 26.697561°, Easting 87.676427°					
6.	Cost:- a) Estimated					
Office: 2878797.41 (With 4% contingency)		User: 0.0		Others: 00.00		Total: 2878797.41
b) Actual Expenditure:						
Office: 1841370.00		User: 0.00		Others:		Total: 1841370.00
7.	Objectives:	To construct a canal for small tream flow.				
8.	Conservation Measure / Technique applied:	Construction of canal was completed.				
9.	Implementation process:	Contract service approach was followed. According to the agreement, the concerned contractor purchased the needed material and completed the work by using local manpower available.				
10.	Gender/social consideration:					
11.	Effect/impact:					
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi: 00	Other:
13.	Employment Generated:	698Mds				
14.	Problem faced:					
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	Awareness creation, empowerment and mobilization of user group is essential before implementation of the activity.				
17.	Other:	Contractor's Name : Suraj Construction ,Ilam 9 Proprietor's Name: Suraj Adhikari Site Incharge: Naina Bahadur Tamang Unit Officer: Bhim Bahadur Kalikote				



MECHI RIVER SYSTEM

1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lunching Apron					
2.	Name of Program: River Bank Stabilization and Management Program					
3.	Location: Buddhashanti Ga.Pa.	Ward: 5	Place: DhimalBasti, Ninda Khola	F/Y: 2077/78		
4.	Name of River System: Mechi River System					
5.	GPS Coordinate: E 88 ⁰ 7'27.21'' N 26 ⁰ 42'24.51''					
6.	Cost:- a) Estimated:					
Office: 4501505		User: 801130		Others:	Total:5302635(Including Contingency)	
b) Actual Expenditure:						
Office: 4353065		User: 801130		Others:	Total: 5154195	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Grass turfing was done on the slope of the earthen embankment. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total 190 house holds are beniffitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 190	Dalit: 10	Janjati: 150	Madhesi: Others: 30	
13.	Employment Generated:	1866 md				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region . 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Ninda Khola Tatbaandhan Samrakshan U.G. Chair Person: Manoj Dhimal Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lanching Apron					
2.	Name of Program: River Bank Stabilization and Management Program					
3.	Location: Buddhashanti Ga.Pa.	Ward: 2	Place: Miyabasti, Hadiya Khola	F/Y: 2077/78		
4.	Name of River System: Mechi River System					
5.	GPS Coordinate: E 88° 2'59.45" N 26°43'49.97"					
6.	Cost:- a) Estimated:					
Office: 3365459		User: 426440		Others:		Total: 3926518(Including Contingency)
b) Actual Expenditure:						
Office: 3302773		User: 453636		Others:		Total: 3756410
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Grass turfing was done on the slope of the earthen embankment. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total 250 house holds are benefitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 250	Dalit: 25	Janjati: 100	Madhesi:	Others: 125
13.	Employment Generated:	1415 md				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region . 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Hadiya Khola Niyantran U.G. Chair Person: Raj Kumar Fago Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



BIRING RIVER SYSTEM

1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lurching Apron					
2.	Name of Program: Gully, Landslide Protection Program					
3.	Location: Rong Ga.Pa.	Ward: 2	Place: Jhatare Pair, Sano Nete Khola	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°59'50.54" N 26°45'35.68"					
6.	Cost:- a) Estimated:					
Office: 4901164		User: 721818		Others:	Total: 5819228 (Including Contingency)	
b) Actual Expenditure:						
Office: 4849749		User: 721354		Others:	Total: 5571103	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank, Forest area and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the River Bank. Bamboo Plantation for Bio-engineering 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total 31 house holds are benifitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 31	Dalit: 5	Janjati: 11	Madhesi: Others: 15	
13.	Employment Generated:	.2078 md				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region . 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Jhatere Pahito Niyantan Lavgrahi U.G. Chair Person: Yagya Prasad Tiwari Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Gabion Box Breast wall and Check Dam					
2.	Name of Program: Gully, Landslide Protection Program					
3.	Location: Mai Na.Pa.	Ward: 5	Place: Sunar Gau, SimanaBasti	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°57'25.69" N 26°46'38.59"					
6.	Cost:- a) Estimated:					
Office: 4720380		User: 576177		Others:	Total: 5485373 (Including Contingency)	
b) Actual Expenditure:						
Office: 4702198		User: 588791		Others:	Total: 5290989	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank, Forest area and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the River Bank. Bamboo Plantation for Bio-engineering 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total 61 house holds are benefitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 61	Dalit: 6	Janjati: 49	Madhesi:	Others: 6
13.	Employment Generated:	2015 md				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region . 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Sunar gau Tangting Khola Pairo Niyantran U.G. Chair Person: Deu Bahadur Limbu Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of RCC Embankment, Revetment and Gabion Box Launching Apron					
2.	Name of Program: Biring Khola Control and Stabilization					
3.	Location: Arundhara Na.Pa.	Ward: 5	Place: Bansbadi DMC	F/Y: 207778		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87 ⁰ 58'13.89'' N 26 ⁰ 40'31.25''					
6.	Cost:- a) Estimated:					
Office: 3840000		User: 537071		Others:	Total: 4537071 (Including Contingency)	
b) Actual Expenditure:						
Office: 3840000		User: 537071		Others:	Total: 4537071	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion box Launching, Toe-wall, RCC Revetment were constructed. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total 67 house holds are benifitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total: 67	Dalit: 20	Janjati: 25	Madhesi:	Others: 22
13.	Employment Generated:	1645 md				
14.	Problem faced:	<ul style="list-style-type: none"> Boulder collection work became difficult it were collected from distant region . 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Arjundhara Disaster Management Committee Chair Person: Kedarnath Parajuli Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lanching Apron					
2.	Name of Program: River Bank stabilization and management					
3.	Location: Arjundhara Na.Pa.	Ward: 1	Place: Tholonete	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 88° 0'3.36" N 26°44'15.08"					
6.	Cost:- a) Estimated:					
Office: 3463334.88		User:		Others:	Total:3463334.88(Including Contingency)	
b) Actual Expenditure:						
Office: 2038455		User:		Others:	Total: 2038455 (Including VAT)	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Bamboo plantation was done for bio-engineering. 				
9.	Implementation process:	E-bidding, Contract service				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total house holds are beniffitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Others:
13.	Employment Generated:	773 md				
14.	Problem faced:					
15.	Maintenance / Sustainability:	No maintainance fund is there.				
16.	Lesson learned:					
17.	Other:	Contractor's Name: Fullmoon Developers Pvt. Ltd. Propriotor's Name : Rajesh Karki Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lanching Apron					
2.	Name of Program: River Bank stabilization and management					
3.	Location: Arjundhara Na.Pa.	Ward: 1	Place: Sanonete Khola	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°59'9.77" N 26°44'8.74"					
6.	Cost:- a) Estimated:					
Office: 3025645		User:		Others:		Total: 3025645 (Including Contingency)
b) Actual Expenditure:						
Office: 1573472		User:		Others:		Total: 1573472 (Including VAT)
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Bamboo plantation was done for bio-engineering. 				
9.	Implementation process:	E-bidding, Contract service				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total house holds are benifitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Others:
13.	Employment Generated:	350 md				
14.	Problem faced:	<ul style="list-style-type: none"> 				
15.	Maintenance / Sustainability:	No maintainance fund is there.				
16.	Lesson learned:					
17.	Other:	Contractor's Name: Amar Nirman Sewa Propriotor's Name : Balaram Mehata Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lanching Apron					
2.	Name of Program: River Bank stabilization and management					
3.	Location: Arjundhara Na.Pa.	Ward: 2	Place: Tangting Khola	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°57'59.05" N 26°44'40.69"					
6.	Cost:- a) Estimated:					
Office: 2842946		User:		Others:	Total: 2842946(Including Contingency)	
b) Actual Expenditure:						
Office: 1406247		User:		Others:	Total:1406247 (Including VAT)	
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Bamboo plantation was done for bio-engineering. 				
9.	Implementation process:	E-bidding, Contract service				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total house holds are benifitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Others:
13.	Employment Generated:	533 md				
14.	Problem faced:	<ul style="list-style-type: none"> 				
15.	Maintenance / Sustainability:	No maintainance fund is there.				
16.	Lesson learned:					
17.	Other:	Contractor's Name: Budhasubba Nirman Sewa Propriotor's Name : Hemanta Thapa Magar Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of Embankment, Gabion Box Revetment and Lanching Apron					
2.	Name of Program: River Bank stabilization and management					
3.	Location: Arjundhara Na.Pa.	Ward: 3	Place: Tanting Khola, Bhatti Gau	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°57'0.30" N 26°41'20.51"					
6.	Cost:- a) Estimated:					
Office: 3212497		User:	Others:	Total:3212497 (Including Contingency)		
b) Actual Expenditure:						
Office: 1702524		User:	Others:	Total: 1702524 (Including VAT)		
7.	Objectives:	<ul style="list-style-type: none"> To protect River Bank and adjacent farm land. To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. Bamboo plantation was done for bio-engineering. 				
9.	Implementation process:	E-bidding, Contract service				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> River Bank erosion is minimized and provided safe the adjacent household. In total households are benefitted from the programme. Minimized the flood disaster on farm land. 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi: Others:	
13.	Employment Generated:	645 md				
14.	Problem faced:	<ul style="list-style-type: none"> 				
15.	Maintenance / Sustainability:	No maintainance fund is there.				
16.	Lesson learned:					
17.	Other:	Contractor's Name: Fullmoon Developers Pvt. Ltd. Propriotor's Name : Rajesh Karki Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Earthwork Excavation, PCC, RCC and Gabbion work					
2.	Name of Program: Fagunanda wetland Pond Cosservation and Management					
3.	Location: Arjundhara Na.Pa.	Ward: 3	Place: Fagunand, Kaidale	F/Y: 2077/78		
4.	Name of River System: Biring River System					
5.	GPS Coordinate: E 87°57'57.41" N 26°42'38.13"					
6.	Cost:- a) Estimated:					
Office: 2400000		User: 284678		Others:	Total: 2784678 (Including Contingency)	
b) Actual Expenditure:						
Office: 2140199		User: 516697		Others:	Total: 2656896	
7.	Objectives:	<ul style="list-style-type: none"> To minimized the irrigation problem in dry season in farm land. To conserve water Resource. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Earth work (Excavation, Dam Construction) PCC, RCC And stone filling in Gabion Box 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the stone, Cement, and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> Irrigation problem in Dry season is solved. Water Table of adjacent area Increase. UG get Benefit By Fish farming. 				
12.	Benefited HH	Total: 230	Dalit: 50	Janjati:80	Madhesi:	Others: 100
13.	Employment Generated:	917 md				
14.	Problem faced:	<ul style="list-style-type: none"> Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Jukekhadi Community Forest UG Chair Person: Jharindra Kumar Khadaka Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Bamboo Plantation on the river Bank				
2.	Name of Program: Greenbelt Formation on the river Bank				
3.	Location: Kankai Na.Pa.	Ward: 1	Place: Biring Khola Bank ,Prajapati CFUG	F/Y: 2077/78	
4.	Name of River System: Biring River System				
5.	GPS Coordinate: E 87 ⁰ 56'31.70'' N 26 ⁰ 39'28.80''				
6.	Cost:- a) Estimated:				
Office: 72000		User: 19920		Others:	Total:94920(Including Contingency)
b) Actual Expenditure:					
Office: 72000		User: 19920		Others:	Total: 91920
7.	Objectives:	<ul style="list-style-type: none"> To minimized flood hazzard in river bank To maintain Greenery in river bank 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> 500 Bamboo rhizome Plantation on the river bank . 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchase the Bamboo rhizome and Plantation work done bby local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Minimize the flood Hazzard and support to river bank stabilization. Maintain the greenary in the river bank . 			
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi: Others:
13.	Employment Generated:	57 md			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Prajapati Community forest U.G. Chair Person: Sushil Kumar Pokharel Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote			



LODIYA RIVER SYSTEM

1.	Name of Activity: Bamboo Plantation on the river Bank				
2.	Name of Program: Greenbelt Formation on the river Bank				
3.	Location: Kankai Na.Pa.	Ward: 2	Place: Sankaha Khola Bank, Sukedangi	F/Y: 2077/78	
4.	Name of River System: Lodiya River System				
5.	GPS Coordinate: E 87°54'20.70" N 26°40'35.52"				
6.	Cost:- a) Estimated:				
Office: 72000		User: 19920	Others:	Total:94920(Including Contingency)	
b) Actual Expenditure:					
Office: 72000		User: 19920	Others:	Total: 91920	
7.	Objectives:	<ul style="list-style-type: none"> To minimized flood hazzard in river bank To maintain Greenery in river bank 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> 500 Bamboo rhizome Plantation on the river bank .S 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchase the Bamboo rhizome and Plantation work done bby local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Minimize the flood Hazzard and support to river bank stabilization. Maintain the greenery in the river bank . 			
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi: Others:
13.	Employment Generated:	57 md			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Sukedangi Community Forest UG Chair Person:Shanti Upadhayay Dulal Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: Construction of Gabion Box Check dam, Revetment and Lunching				
2.	Name of Program: Shiva Pokhari Conservation				
3.	Location: Mai Na.Pa.	Ward: 2	Place: Shiva pokhari	F/Y: 2077/78	
4.	Name of River System: Lodiya River System				
5.	GPS Coordinate: E 87°54'25.32" N 26°44'0.65"				
6.	Cost:- a) Estimated:				
Office:2434542		User: 309441	Others:	Total: 2841366 (Including Contingency)	
b) Actual Expenditure:					
Office: 2379423		User: 363755	Others:	Total:2743179	
7.	Objectives:	<ul style="list-style-type: none"> To minimized the irrigation problem in dry season in farm land and maintain the wetland. To conserve water Resource. 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Earth work Excavation Contruaction of Gabionbox Checkdam, revetment and lunching appron . 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the stone, Gabion Box, and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.			
11.	Effect/impact:	<ul style="list-style-type: none"> Irrigation problem in Dry season is solved, wetland conservation . Water Table of adjacent area Increase. UG get Benefit By Fish farming. 			
12.	Benefited HH	Total: 69	Dalit: 8	Janjati: 61	Madhesi: Others:
13.	Employment Generated:	1019 md			
14.	Problem faced:	<ul style="list-style-type: none"> Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project 			
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Shivapokhari sanrakshan U.G. Chair Person: Gambhir Bahadur Limbu Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote			



1.	Name of Activity: Earthwork Excavation, Earthem Dam, PCC, RCC , Stone Mesonary Work					
2.	Name of Program: Terhakune Pokhari Conservation					
3.	Location: Mai Na.Pa.	Ward: 1	Place: Bihibare, Terhakune	F/Y: 2077/78		
4.	Name of River System: Lodiya River System					
5.	GPS Coordinate: E 87°50'49.09" N 26°48'38.03"					
6.	Cost:- a) Estimated:					
Office: 2403845		User: 382904		Others:	Total: 2882903 (Including Contingency)	
b) Actual Expenditure:						
Office: 2403845		User: 522536		Others:	Total: 2926381	
7.	Objectives:	<ul style="list-style-type: none"> To minimized the irrigation problem in dry season in farm land, wetland Conservation To conserve water Resource. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Earth work (Excavation, Dam Construction) RCC, PCC drain. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the stone, Cement,steel and completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in each step of the process.				
11.	Effect/impact:	<ul style="list-style-type: none"> Irrigation problem in Dry season is solved. Water Table of adjacent area Increase and coserved the wetland. UG get Benefit By Fish farming, eco tourism activities. 				
12.	Benefited HH	Total: 503	Dalit: 3	Janjati: 500	Madhesi:	Others:
13.	Employment Generated:	1030 md				
14.	Problem faced:	<ul style="list-style-type: none"> Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project 				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintenance work as and when required.				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Terhakune Simsar Byabasthapan U.G. Chair Person: Kapil Bahadur Rai Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



.	Name of Activity: Construction of gabion Box Checkdam and revetment and lurching apron.					
2.	Name of Program: Gully and Landslide Control					
3.	Location: Mai Na Pa	Ward: 9	Place: Rangapani Pairo	F/Y: 2077/78		
4.	Name of River System: Lodiya River System					
5.	GPS Coordinate: E 87°54'56.21" N 26°50'56.95"					
6.	Cost:- a) Estimated:					
Office: 1,03,74,451		User:		Others:		Total: 1,03,74,451(Including Contingency)
b) Actual Expenditure:						
Office: 54,82,209		User:		Others:		Total: 54,82,209(Including VAT)
7.	Objectives:	<ul style="list-style-type: none"> To improve gully catchments to reduce and regulate the run off rates. To conserve/protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> Gabion Box Checkdam, revetment and lurching apron is constructed . 				
9.	Implementation process:	<ul style="list-style-type: none"> E-bidding, Contract service 				
10.	Gender/social consideration:					
11.	Effect/impact:	<ul style="list-style-type: none"> To some extent, the gully/ landslide is controlled. Erosion is minimized and provided safe the adjacent household. 				
12.	Benefited HH	Total:	Dalit:	Janjati:	Madhesi:	Other:
13.	Employment Generated:	2079 md				
14.	Problem faced:	Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project. The site being on remote area didn't get access fast.				
15.	Maintenance / Sustainability:	Structure requires the regular maintenance and repairs if they get damaged. However, maintenance fund is not allocated for the project but will do when required.				
16.	Lesson learned:	Correct gully control measures must be determined according to these development stages and all the control measures should be finished before the rainy season				
17.	Other:	Contractor's Name: Suraj Contraction Propriotor's Name : Suraj Adhikari Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of earthen dike, Gabion box, revetment and lanching aprron					
2.	Name of Program: River Bank Stablization / Management					
3.	Location: Mai Na. pa.	Ward: 1	Place: Mai Khola, Dhodrebesi	F/Y: 2077/78		
4.	Name of River System: Lodiya River System					
5.	GPS Coordinate: E 87°48'49.27" N 26°47'34.32"					
6.	Cost:- a)Estimated:					
Office: 6553629		User: 739612		Others:		Total: 7555386(Including Contingency)
b) Actual Expenditure:						
Office: 6553629		User: 813796		Others:		Total:7367426
7.	Objectives:	<ul style="list-style-type: none"> • Conservation of river bank and stabilization . • To conserve and protect the settlement. 				
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • Launching, Toe-wall, Revetment were constructed on the earthen embankment on the side river. • RCC cannal is constructed for the irrigation. 				
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the gabion boxes, stone completed the work by using local manpower available.				
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.				
11.	Effect/impact:	Protection of river bank and the village side adjoining the river bank.				
12.	Benefited HH	Total: 77	Dalit: 2	Janjati: 50	Madhesi:	Other: 25
13.	Employment Generated:	2808 md				
14.	Problem faced:	Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project. The site being on remote area didn't get access fast.				
15.	Maintenance / Sustainability:	No maintainance fund is there but user groups will carry out the repairment and maintainance work as and when required				
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.				
17.	Other:	User Group Name: Mai Nadi Niyantran Dhodrebesi UG Chair Person: Chandra Bahadur Rai Site Incharge:Niraj Prasad dahal Unit Officer: Bhim Bahadur Kalikote				



1.	Name of Activity: Construction of RCC revetment				
2.	Name of Program: River Bank Stabilization/ management				
3.	Location: Kankai Na. Pa.	Ward: 2	Place: Sankaha khola, Sukedangi	F/Y: 2077/78	
4.	Name of River System: Lodiya River System				
5.	GPS Coordinate: E 87°54'0.21"		N 26°39'55.10"		
6.	Cost:- a)Estimated:				
Office: 3574116		User: 461923	Others:	Total: 4179004(Including Contingency)	
b) Actual Expenditure:					
Office: 3532055		User: 575644	Others:	Total: 4107700	
7.	Objectives:	<ul style="list-style-type: none"> • Conservation of river bank and stabilization • To conserve and protect the adjacent settlement and farm land . 			
8.	Conservation Measure / Technique applied:	<ul style="list-style-type: none"> • RCC Revetment were constructed on the side river. 			
9.	Implementation process:	User group approach. According to the agreement, the concerned user group purchased the steel, cement, concrete, stone and completed the work by using local manpower available.			
10.	Gender/social consideration:	From the selection of the activity to implementation of the work, women were equally involved in the process.			
11.	Effect/impact:	Protection of river bank and the village side by.			
12.	Benefited HH	Total: 150	Dalit:30	Janjati:50	Madhesi: Other:70
13.	Employment Generated:	1513 md			
14.	Problem faced:	Lack of skilled manpower and delay in getting the material on time cause delay in the completion of the project.			
15.	Maintenance / Sustainability:	No maintenance fund is there but user groups will carry out the repairment and maintainance work as and when required			
16.	Lesson learned:	If user group are more involved, the implementation will be easier and would successfully complete the work. Awareness creation, empowerment and mobilization of user group is essential before real implementation of the activity.			
17.	Other:	User Group Name: Sankaha Khola Niyantaran U.G. Chair Person: Madhusudan Bhattra Site Incharge: Niraj Prasad Dahal Unit Officer: Bhim Bahadur Kalikote			

