

Xining Flood and Watershed Management Project  
Qinghai, China

**Supplementary  
Environment Management Plan**

Xining Flood and Watershed Management PMO  
July 2013

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## 1. Rationale of Plan Preparation

The plan acts as a supplementary environment management plan under the World Bank loan financed project - the additional subproject of Xining Municipal Flood and Watershed Management Project (The Project). The plan was prepared in accordance with the security policy, IFC EHS Guidelines of the World Bank (WB) as well as the relevant law, regulations and policies of the *Law of Environmental Impact Assessment* in China. In addition, in the course of the plan preparation, the Aide Memoire of the Project Pre-appraisal Mission by the WB and the requirements and guiding opinions on the preparation of the EMP by the WB Environmental Experts are also taken into full consideration.

## 2. Major Activities of Project Restructuring

According to the project restructuring, the EMP was prepared. The components of the project restructuring are shown in Table 1 and attached drawing 1.

### Newly-added and Cancelled Flood Management Activities of Rivers and Gullies in Xining

Table 1

Rivers/Gullies	Flood Management Sections	Length (km)	Physical Activities
Nanchuan River	From Dananchuan Dam to Xiejiazhai Bridge	15	7.9×2 km of reinforced river embankment; 6.9 km of river corridor improvement (improvement of sand-mining pits); greenery of river banks; 1.5km of wastewater pipes (400-1000), wastewater after collection is sent to the existing Chengnan Sewage Treatment Plant;
Beichuan River	From Menyuan Bridge to River Inlet	1.1	Reinforced river embankment; silt-cleaning; greenery;
Beichuan River	From Kangjia Bridge to Chaoyang Power Plant Inlet	3.5	Reinforced river embankment; silt-cleaning; greenery;
Dujia Gully	Upstream of Urban Management Section	1	1km of discharging channel to be newly built;

Attached Drawing 1: Relationship Map of Newly Added and Cancelled Components  
(See Attachment 1)

### 3. On-site Survey

Based on the on-site survey of the adjusted project by environment experts and the project agency, and the consultation with relevant agencies (responsible agencies of environment protection, forestry and cultural relics preservation) as well, it is determined that there are no environment protection zone, no cultural relics preservation agency and no natural forest reserve in the project construction area.

Desilting and dredging of river course is mostly cleaning up silting mud and sand in the river channel. There is no heavy industry enterprise in the upper reach of Nanchuan River; and heavy industry enterprises in the upper reach of Beichuan River are largely based on power generation by fire and electrolytic aluminum, without poisonous and harmful substances in their wastewater. Through the inspection and analysis of mud and sand in the Beichuan River course, it is determined that the silting mud and sand does not contain poisonous and harmful elements (including heavy metal). 300,000 cubic meters of mud and sand is cleaned up for the main purpose of refilling existing sand-mining pits, the rest of which is used for building materials.

Garbage produced in the project construction shall be sent to the garbage refilling sites approved by local agencies responsible for environment protection. The garbage produced in the Nanchuan River construction sites is sent to Shenjiagou Garbage Refilling Site, which was approved by local EPA in 1999 and put into use in 2000; while the garbage produced in the Beichuan River construction sites is sent to Lijiagou Garbage Refilling Site, which was approved by local EPA in 1999 and put into use in 2001. Such two sites presently have a capacity to hold the garbage collected in the project construction sites.

Based on the above analysis, the newly-added components are not in conflict with the new WB environmental security policies.

### 4. Targets of Environment Protection

According to the on-site survey, the targets of environment protection (EP) within the project construction region are shown in Table 2.

#### EP Targets within the Project Region and Distances from the Project Construction Sites

Table 2

Physical Activities	EP Targets (villages)	Distances from Construction Sites (M)
From Dananchuan Dam to Xiejiazhai Bridge	Xiejiazhai Village	60
	Xujiazhai Village	200
	Wangbinpu Village	100
	Qingshuihe Village	200
	Qingshui Village	500
	Zongbei Village	300
	Sichong Village	300
From Menyuan Bridge to the River Inlet	Nil	Nil
From Kangjia Bridge to Chaoyang Power Plant Inlet	Kangjia Village	1000
	Wangjia Village	1000

	Yingjia Village	800
Dujia Gully Course Extension Management Works	Lujiazhai Village	200

## 5. Environmental Impacts and Mitigating Measures

The newly-added components basically have the same environmental impacts and mitigating measures as the existing EMP. The environmental impacts and their mitigating measures identified in the Environmental Impact Assessment are summarized in Table 3.

### Summary of Environmental Impacts and Mitigating Measures

Table 3

Physical Activities	Environment Impacts	Mitigating Measures in Design	Mitigating Measures during Construction	Mitigating Measures during Operation
Reinforced river embankment; Improvement of river courses	- Ecology of river banks; - River hydrologic situation	- To keep water force linkage bw underground water and river; - To keep river trend and width unchanged; - To try keeping river vegetation untouched, combined with urban sights; - To incorporate forestation on river banks in physical design;	- To keep river trend unchanged; - To control water and soil loss; - To forbid workers fishing & collecting wild plants;	Protecting fishes in rivers and monitoring them regularly.
	- Normal impacts of construction (noise, flying dust, solid waste and constructional site management)		- To implement Attachments 1/ 2 of the existing EMP (EM Guide during the Construction)	
	- Cleaning and disposing of solid waste on the banks		- To provide measures of labor protection for garbage workers; - To put it in safe storage on river banks for loss prevention; - To prevent leaking while transporting; and to send it to refilling sites identified by local responsible agency; - To implement	

			Attachments 1/ 2 of the existing EMP (EM Guide during the Construction)	
Greenery of river banks	<ul style="list-style-type: none"> <li>- Invasion of exotic species;</li> <li>- Single tree species;</li> </ul>	<ul style="list-style-type: none"> <li>- To select plant species properly for greenery; and to choose local species of plant;</li> </ul>	<ul style="list-style-type: none"> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>- To carry out Attachment 5 of the existing EMP (PMP);</li> </ul>
De-silting of river course	<ul style="list-style-type: none"> <li>- Impact of cleaning mud and sand over river water quality</li> <li>- Disposal of mud &amp; sand cleaned out;</li> </ul>		<ul style="list-style-type: none"> <li>- To execute the exiting EMP;</li> <li>- To use mud &amp; sand as building material, or as refilling material of sand mining pits;</li> </ul>	<ul style="list-style-type: none"> <li>-</li> </ul>
Collection/treatment of wastewater	<ul style="list-style-type: none"> <li>- Normal impacts of construction (noise, flying dust, solid waste and constructional site management)</li> </ul>		<ul style="list-style-type: none"> <li>- To adopt normal pipe network mitigating measures (following the existing EMP);</li> </ul>	<ul style="list-style-type: none"> <li>- To include the responsibilities of related sewage treatment plants in the original environmental appraisal report;</li> <li>- To include the operation of sewage treatment plants in project monitoring (following the existing Environmental Monitoring Plan);</li> </ul>
Discharging channel	<ul style="list-style-type: none"> <li>- Normal impacts of construction</li> </ul>		<ul style="list-style-type: none"> <li>- To adopt normal pipe network mitigating measures (following the existing EMP attachment);</li> </ul>	

## 6. Environmental Monitoring

The existing Environmental Monitoring Plan can cover newly added activities (see Table 3-1 of the exiting Environment Management Plan and Table 3 of the project Environmental Monitoring Plan).

## 7. Environment Management Agency and its Responsibilities

The Supplementary Environment Management Plan shall be executed by the project construction unit: “Xining Flood and Watershed Management PMO” , with its objective of adequately carrying out all environmental protection measures in the project implementation and operation so as to minimize the project negative environmental impacts to the lowest or the acceptable level and to realize the project positive environmental effects to the maximum level.

Under the plan, the environment management agency and its responsibilities are the same as those in the existing EMP.

## 8. Environment Management Training and Environmental Consultation

For environment management training and environmental consultation, its content is the same as that of the existing EMP.

## 9. Cost Budget

As is the same as the original EMP, the existing environment management station requires a project environment management cost, with a total amount of RMB 6.40 million yuan.

表 6-4 项目环境管理经费汇总

序号	项 目	经费（万元人民币）	经费（美元）
1	环境管理办公室	194.0	
2	环境监理	157.0	
3	环境监测	180.0	
4	环境培训	36.0	
5	环境咨询	30.0	
6	其它（不可预见费）	43.0	
7	合 计	640.0	

## Summary of Project Environment Cost

Table 6-4

No.	Items	Cost (RMB 0,000 yuan)	Cost (\$)
1	Environment Management Office	194.0	
2	Environmental Supervision	157.0	
3	Environmental Monitoring	180.0	
4	Environmental Training	36.0	
5	Environmental Consultation	30.0	
6	Others (incontingency)	43.0	
7	Total	640.0	

## 10. Public Consultation

Public survey and consultation shall take the forms of questionnaires, workshops and expert consultation. They can inform the affected communities of the project general information and the major environmental impacts of the project construction and operation. By inquiring the surveyed on the project know-how and the quality of their living environments, it is possible to gain access to the initial project requirements and suggestions of the surveyed and to get informed of public concerns and existing environmentally friendly measures. Therefore, it can investigate the public acceptability of the project construction impacts and seek the public environment protection comments and suggestions as to the project construction.

In order to do a fine job in public consultation for the supplementary environment appraisal report, the PMO prepared a questionnaire of public opinions for the Supplementary Environment Management Plan (see Attachment 2), with the draft Supplementary Environment Management Plan (SEMP) and the original EMP,

and organized environmental assessment experts and the PMO staff to visit related villages on July 5-10 2013 for public survey and consultation. There questionnaires (6 questionnaires per village, totaling 66) were handed out and collected in full numbers on July 11, 2013. Based on the assortment and analysis, it indicated that the villagers have 100 percent of project support and it was generally accepted that the supplementary environment report considers almost all aspects. As for one of public concerns- the environmental impact during construction, the PMO shall supervise all construction units to adopt appropriate engineering and management measures to minimize the impacts to the acceptable level.

On July 15 2013, the PMO organized related responsible leaders from agencies such as environment evaluation, cultural relics and forestry, environment assessment experts and representatives of the project communities to convene a workshop on environment appraisal consultation. For further detailed information, see Attachment 3 -Public Consultation Forms and Attachment 4- Minutes of Public Consultation Workshop as well ad Name List of Meeting Participants.

### **Public Consultation Survey Form**

Date	Place	Consulting Materials	Participants	Key issues/ suggestions	Feedbacks to issues/suggestions
July 15 2013	Xining, Qinghai	The draft SEMP; The existing EMP; The EAR	Xining municipal agencies such as environment protection, culture, radio and TV, and forestry; Huangzhong county agencies such as environment protection, culture, radio and TV, and forestry; and representatives from related villages;	<ol style="list-style-type: none"> <li>1. To require doing a fine job in disposing of waste and dirty water to stop construction from causing river water pollution;</li> <li>2. In construction, to reserve or renovate part of woods distributed nearby river banks by additional planting or forestation;</li> <li>3. In the course of construction, to do a good job in noise pollution control to avoid disturbing the communities;</li> </ol>	It was indicated by construction units that full consideration be given to comments & suggestions by representatives and each EP measure carried out adequately.

### **11. Information Disclosure**

The PMOs declared the news of the disclosure of the EMP at the Village Committee Meetings of such villages as Xiejiazhai Village, Kangjia Village and Lujiazhai Village on July 26 2013. The final EMP was disclosed in full passage on the website of Xining Municipal Government on August 14 2013 (Website: <http://www.xining.gov.cn/html/56/317770.html>), see Attachment 5: Information Disclosure Webpage Cut. A copy of printed EMP was left and kept in the village committee offices of the above relevant project villages, see Attachment 6: Pictures.



**Attachment 1: Relational Map of Incremental and Present Components**

**Attachment 2: Public Consultation Forms**

**Attachment 3: Questionnaire of Public Opinions for the SEMP**

**Attachment 4: Minutes of Public Consultation Workshop and Name List of Meeting Participants**

**Attachment 5: Information Disclosure Webpage Cut**

**Attachment 5: Pictures**






**Attachment 1**

**Relationship Map of Newly-added and Existing Activities**





西宁防洪及流域管理利用世行贷款项目环境咨询表

项目名称	治理范围 (长度)
北川河朝阳电站引水口至康家桥段及门源桥至入河口段河道综合治理工程	北川河朝阳电站引水口至康家桥段 3.5KM; 门源桥至入河口段河道综合治理工程 1.1KM.
咨询内容(工程治理范围)	咨询结果
有无保护区  项目区无自然保护区。	单位意见:   2013年7月11日
有无文物	单位意见: 项目区没有发现文物遗存。   2013年7月10日
有无天然林  无	单位意见:   2013年7月9日

西宁防洪及流域管理利用世行贷款项目环境咨询表

项目名称	治理范围 (长度)	
大南川水库引水口至谢家寨桥段综合治理工程	西宁段 7.9KM, 湟中段 7 KM.	
咨询内容 (工程治理范围)	咨询结果	
有无保护区 项目区无自然保护区。	市级单位意见:  2013年7月11日	县级单位意见:  2013年7月11日
有无文物	市级单位意见: 项目区没有发现文物。  2013年7月10日	县级单位意见:  2013年7月10日
有无天然林 无	市级单位意见:  2013年7月9日	县级单位意见: 无天然林资源 但有林口调查。  2013年7月11日

西宁防洪及流域管理利用世行贷款项目环境咨询表

项目名称	治理范围 (长度)
杜家沟沟道延伸治理工程	新建排洪渠1公里 (已建排洪渠向上延伸)
咨询内容 (工程治理范围)	咨询结果
有无保护区	单位意见:  无 祁强  2013年7月12日
有无文物	单位意见:  无  2013年7月12日
有无天然林	单位意见:  无 李明  2013年7月12日



### Attachment 3:

### Questionnaire of Public Opinions for the SEMP (For Individuals)

Project Name:

Name		Sex		Age	
Ethnic Group		Occupation		Educational Level	
Present Address					
Questions			Options		
1. Do you think whether the report considers possible environmental impacts or not? To specify:			A Yes      B No Specificly, _____ _____		
2. Do you find any improper measure or method taken in the EMP?			A Yes      B No Measure or method you are dissatisfied: _____ _____		
3. How much do you know about the project?			A know much      B know little		
4. Do you think what major environmental issues are in the project construction?			A water pollution    B noise pollution    C solid waste D atmosphere      E vegetation loss		
5. How do you like the quality of your present living environment?			A Good    B Ok    C Bad		
6. Do you think what impact trend the project operation will have over local environment?			A To improve the quality of local environmental environment; B To have some impacts that call for some EP measures to control and mitigate them; C To sharpen the deterioration of local environments;		
7. After the project completion, what kind of impacts does it have over its surrounding landscape and sights?			A negative    B positive    C no impact		
8. After the project completion, will it improve your living quality?			A Yes      B No		
9. What attitude do you have towards the project construction?			A In favor of    B indifferent    C against (giving brief reasons) _____		
10. What are your comments and requirements on proposed EP measures in the project construction?					

Remarks: Put the tick “√” before your option, please.

## **Attachment 4: Minutes of Public Consultation Workshop and Name List of Meeting Participants**

### **Minutes of Public Consultation Workshop For the Supplementary EMP**

On July 15 2013, the PMO organized and convened a public consultation workshop for the Supplementary EMP under Xining Flood and Watershed Management Project via WB Loan in the meeting room of Xining Nanchuan River Management Station. It was attended by relevant staff members of such agencies as Xining Municipal Forestry Bureau, Xining Municipal Environment Protection Bureau, Land Planning and Construction Agency of Nanchuan Industrial Park Zone, Agriculture, Water, Livestock and Forestry Agency of Chengzhong District, Environment Protection Agency of Chengzhong District, Huangzhong County Forestry Agency and Huangzhong County Science and Technology Agency, and representatives of the project communities. At the meeting, public consultation and discussion were made of the supplementary EMP. The minutes of public consultation workshop were presented as follows:

#### **I. Workshop Objectives:**

According to the relevant stipulations of *Temporary Methods of Public Participation for Environment Impact Assessment* (Reference No.: Huangfa 2006[28]), for the purposes of further informing the public stakeholders of the SEMP under Xining Flood and Watershed Management Project via WB Loan, of seeking widely their advice or opinions on the project environment protection, and of perfecting the public consultation work of the project environment impacts, the PMO as the project construction agency decided to hold this public consultation workshop for the SEMP.

#### **II. Key Issues:**

1. Introducing physical activities of newly-added physical activities under the project;
2. Introducing the management plan of newly-added physical activities under the project; and
3. Seeking EP comments and suggestions regarding the project construction from the public stakeholders.

#### **III. Meeting Agenda:**

1. The presiding chairman briefly introduced relevant staff members and representatives, and objectives of the workshop;
2. The PMO as the project construction agency introduced the general information, the progress and constructional necessities of the project to the participants;
3. The environment assessment consultant elaborated on the SEMP;
4. The representatives voiced their concerns and discussed environmental issues freely with the project owner, environment assessment consultant and staff members from related agencies; and
5. The PMO as the project construction agency concluded the workshop by summing up the salient points at the workshop.

#### **IV Summary of Opinions of the Meeting Participants**

1. The meeting participants recognized the necessities of the project construction and approved of the project physical construction;
2. The meeting participants recognized the SEMP report and requested the project construction agency to do a fine and strict work in the EP work while constructing.
3. As for physical construction, the meeting participants required as follows:
  - a. To require doing a fine job in disposing of waste and dirty water to stop construction from causing river water pollution;
  - b. To reserve or renovate part of woods distributed nearby river banks by additional planting or forestation in the course of construction;
  - c. To do a good job in noise pollution control while constructing to avoid disturbing the communities.
4. It was indicated by construction units that full consideration shall be given to comments & suggestions by representatives and each EP measure be carried out adequately.

On July 15 2013

西宁防洪及流域管理利用世行贷款项目补充环境管理计划公众咨询座谈会签到表

序号	姓名	职务/职业	单位名称/居住地址	联系方式
1	查俊卿	处长	西宁市环保局	13639716702
2	韩建忠	相让	湟中县本	13139097897
3	李刚	书记	谢家寨村	18697121629
4	李刚	会长	湟中科技局	13997111955
5	张喜	工程师	湟中县土地规划建设局	13639769884
6	高军	高工	湟中林业局	18397012718
7	赵永贵	处长	西宁市林业有害生物防治总站	18297186570
8	孙伟		湟中区农林牧水局	15897080097
9	孙伟		城环环保局	13327660737
10	杨廷祥	农民	南川总寨林家寨	



西宁防洪及流域管理利用世行贷款项目补充环境管理计划公众咨询座谈会签到表

序号	姓名	职务/职业	单位名称/居住地址	联系方式
11	张永科	群众	北川汪家村	
12				
13				
14				
15				
16				
17				
18				
19				
20				



中国青海省西宁防洪及小流域管理项目  
 补充环境管理计划

西宁市人民政府门户网站: <http://www.xining.gov.cn> 来源: 创建时间: 2013年8月15日

【字体: 大 中 小】

- 1、编制依据 3
- 2、项目调整主要内容 3
- 3、现场调查 4
- 4、环境保护目标 4
- 5、环境影响及减缓措施 4
- 6、环境监测 6
- 7、环境管理机构及职责 6
- 8、环境管理培训及环境咨询 6
- 9、费用预算（与原环境管理计划相同） 6
- 10、公众咨询 6
- 11、信息公开 7
- 附件: 7

1、编制依据

本计划为世行贷款项目：“西宁城市防洪及小流域治理项目（本项目）”新增的子项目编制的补充环境管理计划。本计划主要根据世界银行安全保障政策、IFC EHS Guidelines，以及中国《环境影响评价法》等相关法律、法规、政策编制。另外，在本计划编制过程中，还充分考虑了世行本项目预评估团备忘录以及世行环境专家关于本环境管理计划编制的要求和指导意见。

2、项目调整主要内容

根据项目调整，编制了环境管理计划，调整项目组成如表1及附件图1所示。

表1 西宁市河道及沟道防洪治理工程调增项目表

河道或沟道名称	防洪治理范围分段	治理长度 (km)	工程内容
河道	南川河 大南川水库~谢家寨桥	~15	7.9×2公里河堤加固；6.9公里河川走廊修复（采砂坑修整）、河岸绿化；15km污水管道（400-1000），污水收集后送至现有城南污水处理厂
	北川河 门源桥~入河口	1.1	河堤加固；淤积清理；绿化
	北川河 康家桥~朝阳电站引水口	3.5	河堤加固；淤积清理；绿化
沟道治理	杜家沟 市区治理段上游	1	新建排洪渠1公里

附图1新增子项目和现有子项目关系图（见附件1）

3、现场调查

经过环境专家与项目单位对调整项目的现场调查、咨询相关部门（环保、林业、文物保护主管部门），确定在项目建设区没有环境保护区、文物保护单位以及天然林。

河道清淤疏浚主要是清除河道淤积的泥沙。南川河上游没有工业企业；北川河上游的工业企业以火力发电、电解铝为主，其排放的废水中没有有毒、有害物质；对南川河、北川河河道中的泥沙经过检测分析，确认淤积泥沙中不含有毒、有害成分（包括重金属）。清出泥沙约为30万立方，以回填现有的取砂坑为主要用途，多余部分可回用为建设材料。

项目建设中产生的垃圾送到当地环保主管部门审批的垃圾填埋场。其中，南川河施工区送至沈家沟填埋场，该垃圾填埋场由当地环保部门与1999年审批，于2000年投入正常运行使用；北川河施工区送至刘家沟垃圾填埋场，该垃圾填埋场由当地环保部门与1999年审批，于2001年投入正常运行使用；两处垃圾填埋场均有容量，可以接纳项目收集的垃圾。

由以上分析，新增项目不触及新的世行安保政策。

4、环境保护目标

根据现场调查，项目建设区域内得到保护目标如表2所示。

表2 项目建设区域环境保护目标及与工程建设区的距离

项目名称	保护目标(村)	和工程距离(m)
大南川水库~谢家寨桥	谢家寨村	60
	徐家寨村	200
	王斌堡村	100
	清水河村	200
	清水村	500
	总北村	300
	西村	300
门源桥~入河口	无	无
康家桥~朝阳电站引水口	康家村	1000
	汪家村	1000
	殷家村	800
杜家沟沟道延伸治理工程	谢家寨村	200

5、环境影响及减缓措施

增加的子项目造成的环境影响和采取的措施和已有环境管理计划基本相同。环评中确认的环境影响及其缓解措施汇总见表3。

3.

表3 环境影响及缓解措施汇总表

工程内容	环境影响	设计采取措施	施工采取措施	运行采取措施
河堤加固； 河川走廊修复	河岸生态 - 河流水文情势	- 保持地下水与河流的水力联系 - 不改变河势和宽度； - 结合城市景观，尽可能保留河边植被； - 河岸种树纳入工程设计；	- 不改变河势 - 水土流失防治； - 禁止施工人员捕鱼和采集野生植物；	保护河流中的鱼类，定期监测。
	- 一般施工影响（噪声、扬尘、固体废物和施工营地管理）		- 执行已有的环境管理计划附件一、附件二（施工期环境管理导则）	
	- 沿岸固体废物清除与处理-		- 为垃圾清运工提供劳动保护措施； - 岸边安全储存，防止流失 - 运输时防止泄漏；送到当地主管部门认可的卫生填埋处置； - 执行已有的环境管理计划附件一和二（施工期环境管理导则）	
河岸绿化	- 外来物种入侵 - 单一树种；	- 合理选择绿化植物种类；选择乡土物种	-	- 执行已有的环境管理计划附件五（病虫害管理计划）
河道清淤	- 清除泥沙过程影响河道水质 - 清除泥沙的处置；		- 执行现有的环境管理计划 - 泥沙作为建设材料以及回填原有的取砂坑。	-
污水收集及处理	- 一般施工影响（噪声、扬尘、固体废物和施工营地管理）		- 管网建设一般缓解措施（执行现有的环境管理计划）	- 相关污水厂的尽取已纳入原有的环评报告 - 将污水处理厂的运营纳入项目监测中，（执行现有的监测计划）
排洪渠	- 一般施工影响		- 管网建设一般缓解措施（执行现有的环境管理计划）附件	

6、环境监测

现有的环境监测计划可覆盖新增项目活动，见已有环境管理计划的表3-1项目环境监测计划表3。

7、环境管理机构及职责

本计划将由本项目建设单位：“西宁市城市防洪及小流域治理项目管理办公室”负责实施，目的是使本项目在实施和运行阶



段切实落实各项环境保护措施,使项目对环境的负面影响降低到最低和/或可接受的程度,并使项目对环境的有利影响最大限度的实现。

环境管理机构及职责与现有的环境管理计划内容相同。

**8、环境管理培训及环境咨询**

与现有的原环境管理计划相同

**9、费用预算**

与原环境管理计划相同, 现有的环境管理所需经费共计640.0 万元。

**10、公众咨询**

公众调查和咨询工作主要采取问卷调查形式和召开座谈会、专家咨询形式,告知项目区受影响公众项目的基本情况以及项目施工和运行造成的主要环境影响,通过询问被调查人对项目的了解程度、被调查者现居环境质量状况,获取被调查者对项目的初步要求及建议,了解公众关心的问题及所采取的环保措施等内容,调查公众对项目建设的可接受程度,征求公众对项目建设的环保措施的意见和建议。

为做好评补充报告公众咨询工作,项目办准备了补充环境管理计划公众意见调查问卷(详见附件2),并携带补充环境管理计划初稿和原有的环境管理计划,组织环评专家及项目办有关人员于2013年7月5日至10日赴相关村,开展了调查咨询工作,并发放了调查问卷(每村6份,共发放66份),问卷于7月11日全部收回,经整理分析,村民对项目的支持率为100%,并普遍认为补充环评报告考虑的比较全面。对民众关心的施工期的环境影响,项目办将监督施工单位通过采取适当的工程和管理措施,将影响降低到可以接受的水平。

2013年7月15日,项目办组织环评单位、文保单位、林业部门相关负责人及环评专家、项目区群众代表召开了环评咨询座谈会,详见附件3-环境咨询表、附件4-环境咨询会议纪要、附件5咨询照片。

公众咨询调查表

咨询时间	咨询地点	提供的咨询材料	参与咨询方	提出的主要问题/建议	如何回复提出的问题/建议
2013年7月15日	青海西宁	补充环境管理计划草稿、现有的环境管理计划和环评报告	西宁市环保局、文化广播电视局、林业局;湟中县环保局、文化广播电视局、林业局;相关村村民代表等	1要求工程施工做好废水的处理措施,防止施工造成河流水质污染; 2 施工过程中,对于分布于河岸附近的部分小片人工林,以保留为主,采取补植、补造恢复; 3 施工过程中做好噪声防治措施,防止施工扰民。	建设单位表示将在工程建设中充分考虑各位代表提出的意见和建议,将各项环保措施落到实处。

**11、信息公开**

项目单位于2013年7月26在谢家寨村、康家村、遼家寨村村委会发布环境管理计划的公示消息。环境管理计划终稿于2013年8月14日在西宁市政府网站上全文公示。在谢家寨村、康家村、遼家寨村村委会放置环境管理计划的打印稿。

附件1: 项目调整图

附件2: 补充环境管理计划公众意见调查问卷

附件3: 公众咨询表

附件4: 公众咨询座谈会纪要及参加会议人员名单

附件5: 图片

**相关内容**

- 西宁市城市道路挖掘(占用)审批公示
- 市直机关学习贯彻市委《实施细则》知识竞赛抽奖结果揭晓
- 西宁市城市道路挖掘(占用)审批公示
- 青海省2013年基层政法干警定向招录培养公告
- 西宁市人民代表大会常务委员会关于加强法治西宁建设的决议
- 西宁市城市道路挖掘(占用)审批公示



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Email: office@xining.gov.cn



**Attachment 6: Pictures**

**(1) Public Consultation Workshop**



**(2) Information Disclosure of Village Committee**



**(3) Public Survey**

