INTEGRATED SAFEGUARDS DATA SHEET
CONCEPT STAGE

Report No.: ISDSC3794

Date ISDS Prepared/Updated: 04-Sep-2013

Date ISDS Approved/Disclosed: 04-Sep-2013

I. BASIC INFORMATION

A. Basic Project Data

Country:	China	**Project ID:**	P133000
Project Name:	Huainan Coal Mining Subsidence Area Rehabilitation (P133000)		
Task Team Leader:	Xiaokai Li		
Estimated Appraisal Date:	01-May-2014	**Estimated Board Date:**	26-Nov-2014
Managing Unit:	EASCS	**Lending Instrument:**	Investment Project Financing
Sector(s):	General water, sanitation and flood protection sector (80%), General agriculture, fishing and forestry sector (20%)		
Theme(s):	Other environment and natural resources management (65%), Other urban development (35%)		

Financing (In USD Million)

Total Project Cost:	200.00	Total Bank Financing:	100.00
Total Cofinancing:		Financing Gap:	0.00

Financing Source	Amount
Borrower	100.00
International Bank for Reconstruction and Development	100.00
Total	200.00

Environmental Category:	A - Full Assessment
Is this a Repeater project?	No

B. Project Objectives

The proposed project objective is to support environmental remediation and utilization of JiuDa subsidence site in Huainan city.

C. Project Description

The proposed project is likely to have the following three components:

Component 1. Environmental Remediation and Water Management (Indicative base cost: 76.5 million USD): This component supports restoration of environmental conditions and landscape of JiuDa subsidence area to create a green ecological zone within the city. It will have three subcomponents: (a) environmental remediation through site cleanup of the coal mining wastes and collapsed structures, repair of the damaged site, re-greening (325 ha) and tree planting (330ha), and re-vegetation of several quarries; (b) rehabilitation of local water streams for rainstorm drainage up to 1/20 frequency, and creation of small wetlands for water environment management and recreation; and (c) closure of the Datong dump site with a total foot print of 11 ha and an estimated 2.75 million m3 domestic solid wastes collected over 25 years (1984-2009), to prevent water, soil and air pollution at the site.

Component 2. Infrastructure improvement and site utilization (Indicative base cost: 73.50 million USD): The component is intended to improve and construct the necessary roads, and associated water supply and sewage infrastructure within the site and going through it, to restore their functionality and connect the area with other parts of the city. The roads include four secondary roads with a total length of about 12.7km connected to existing roads in the city, and associated small scale water supply (17.4km) and sewerage pipes (19.7km) to provide basic infrastructure services, which are not available in the area at present. This component also supports facilities and activities to utilize the remediated site and local resources available for livelihoods development of the local communities These include: a community skills training center of 4,000m2, seedling nurseries (133 ha), economic trees, a flower market, a coal-mining industry museum and recreation business facilities, etc. In addition, the limited resettlement required of infrastructure improvement and environmental remediation will be included under this component.

Component 3. Project management and technical assistance (Indicative cost: 12 million USD): The component funds project management, implementation support and technical assistance activities. Project implementation support and management activities include consulting services for project design, construction supervision, environmental management, monitoring and evaluation, and incremental operating costs. The technical assistance includes capacity building and training activities for project implementation and management, as well as technical and policy studies related to coal mining subsidence management.

D. Project location and salient physical characteristics relevant to the safeguard analysis (if known)

The project is located in Huainan city, in the central north of Anhui Province, China and in the middle reach of Huai River. Huainan city has a population of 2.45 million people with a land area of 2,596 km2. The project activities will be in an 11.4km2 area of Datong District of Huainan city, featuring ground subsidence and environmental degradation caused by coal mining activities over many decades. The project aims to remediate the selected subsidence area for environmental improvement and reutilization.

E. Borrowers Institutional Capacity for Safeguard Policies

Huainan city has experience in the projects financed by the World Bank and Asian Development Bank (ADB). The implementing agency- Huainan Agriculture and Water Investment Company (HAWIC) however lacks experiences in implementing Bank supported projects. A Project Leading Group (PLG) chaired by the executive vice-mayor has been established to provide policy guidance and oversight in project preparation and implementation. Members of the PLG include senior officials from all related government departments: Municipal Development and Reform

Commission, Municipal Finance Bureau, Agriculture Commission, Water Resource Bureau, Municipal Subsidence Area Rehabilitation Office, Municipal Key Project Construction Bureau, Municipal Urban and Rural Construction Commission, etc., and Huainan Coal Mining Group Corporation. Further, a Project Management Office (PMO) headed by the director general of Huainan Finance Bureau has also been established to be responsible for day-to-day management and coordination of project preparation and implementation.

The HAWIC will designate staff to coordinate and manage the safeguards assessments and instruments implementation, and receive training on the Bank safeguard policies during project preparation. Initial training was provided during the identification mission to PMO and implementing agency staff, on the Bank safeguard policies. Capacity building for the HAWIC and PMO staff, and tailored training on related Bank policies and different aspects of project management will be carried out during project preparation. The capacity of the HAWIC and PMO will be further strengthened to meet the Bank's requirements for project safeguards management. Qualified consulting firms with Bank project experiences have been engaged to carry out environmental assessment and resettlement action planning according to the TORs agreed with the Bank team.

F. Environmental and Social Safeguards Specialists on the Team

Zhefu Liu (EASCS)

Feng Ji (EASCS)

II. SAFEGUARD POLICIES THAT MIGHT APPLY

Safeguard Policies	Triggered?	Explanation (Optional)
Environmental Assessment OP/ BP 4.01	Yes	The project is expected to substantially improve local environment by closing up an existing dump site and by supporting environmental remediation in the JiuDa coal-mining subsidence area (approximately 11.4km2). It will also bring about great environmental benefits to local communities. However, there will be risks mainly associated with closure of an existing dump site and site clean-up of limited coal mining wastes, i.e. whether the closure of the dump site and the site clean-up of coal mining wastes can be conducted in an environmentally sound manner. During construction phase, there are general construction-related impacts such as disposal of spoil, sediments and waste generated from demolished buildings, nuisance of dust, noise, wastewater, and disturbance to local communities etc. In the operation phase, adverse impacts mainly include, among others, disposal of leachate and methane gas collected from the dump site. Therefore, the Environmental Assessment (OP 4.01) would be triggered. A full EA would be conducted by an

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		experienced EA consulting firm. Environmental baseline information for the project will be collected, including the monitoring data for groundwater, surface water, soil in the project area, the leachate from the dump site, etc., and the characteristics of the mining wastes to check whether they are contaminated with toxic and hazardous materials. The EA will assess the impacts of the project on the project area of influence, including residential area adjacent to the project site, ancillary facilities (e.g., disposal sites for mine wastes) and impacts related to future land use of the area after rehabilitation. Evaluation of alternatives for site remediation will be conducted. A Remediation Plan for the project, prepared as a result of project feasibility study, will present the recommended option along with the description of the mitigation measures, the environmental monitoring plan, the implementation schedule, the implementation responsibilities, and the budget for remedial measures as well as the long-term environmental monitoring plan, the institutional responsibilities for implementation, and the budget for these activities. The EA will include, among others, the four secondary roads. The design of the access roads will consider improvement in connectivity of the existing roads to residential areas and future businesses in the project areas. The EA will consider the construction phase impacts: noise and dust emissions, vibration impacts to subsided areas and structures (buildings), extraction and transportation-related impacts of raw materials, transportation and disposal-related impacts of excavated materials, potential disturbances to the local businesses and residences, management of workers' camps, etc. The EA will also address the environmental impacts during the operational phase (e.g. noise, vehicle emission, road safety). Public consultation is to be conducted in two stages: one for the draft EA TORs, and the other

		for draft EA. The results of the consultations will be taken into account in the project feasibility study/design and the EA. Based on the EA, an EMP will be developed, including: (a) Specific mitigation measures for each type of project activities, including the Remediation Plan. An Environmental Code of Practices (ECOPs) for the construction activities will be included in the EMP, to address general construction related impacts; (b) A monitoring plan; (c) An institutional framework for project preparation and implementation for each type of project activities; (d) An institutional strengthening plan covering training, and technical assistance; and (e) Adequate budget for the EMP implementation.
Natural Habitats OP/BP 4.04	No	Based on the available information and the site visit, the project area, which features with farm land, water ponds, cultivated trees, has been heavily influenced by human activities. The project activities are not likely to affect any protected reserves, known as natural habitats, or established or proposed critical natural habitats. This policy would therefore not be triggered. However, the presence/absence of any natural habitats at the project site and within the project area of influence will be screened as part of the EA process.
Forests OP/BP 4.36	TBD	The project may finance planting of trees of conifer and broadleaf species. It is expected that the plantation will generate positive impacts to the environment and the local communities. However, some negative impacts (e.g. invasive species) may occur if the project is not properly designed and implemented. The final project proposal will provide information to determine whether this policy would be triggered or not.
Pest Management OP 4.09	TBD	The establishment and management of tree plantation and nursery may need to use limited pesticides or herbicides. If this is the case, the environmental friendly method for pest management will be promoted. The final project proposal will provide information to determine whether this policy would be triggered or not.

Physical Cultural Resources OP/ BP 4.11	TBD	Based on the available information and the site visit, the project is not likely to cause any significant adverse impacts on the Physical Cultural Resources (PCRs) in the project influence area. However, further PCRs survey, as part of the EA during project preparation, will be undertaken to confirm whether this policy is triggered or not.
Indigenous Peoples OP/BP 4.10	No	Huainan municipality has a population of 2.45 million population including 32,000 ethnic minorities scattered in the municipality. The project area is located in Datong District and it is an area populated purely with Han Chinese. Han is the majority in China anddoes not fall into the criteria of IP definition. So the Bank Indigenous Peoples Policy OP 4.10 would not be triggered. However, further screening for ethnic minorities would be undertaken to confirm the presence/absence of groups that would qualify as IP under the Bank's policy.
Involuntary Resettlement OP/BP 4.12	Yes	For project facility construction, a small amount of collective land may need to be acquired, and some existing private structures may have to be relocated by the project. Therefore, the OP 4.12 would be triggered. A resettlement action plan is to be prepared forthe Bank review prior to project appraisal.
Safety of Dams OP/BP 4.37	No	The project will not finance construction or rehabilitation of any dams as defined under this policy. Thus, this policy would not be triggered.
Projects on International Waterways OP/BP 7.50	No	The project is not associated with an international waterway
Projects in Disputed Areas OP/BP 7.60	No	The project is not located in disputed areas.

III. SAFEGUARD PREPARATION PLAN

A. Tentative target date for preparing the PAD Stage ISDS: 31-Dec-2013

B. Time frame for launching and completing the safeguard-related studies that may be needed. The specific studies and their timing[1] should be specified in the PAD-stage ISDS:

In parallel with the project feasibility study, detailed impact and socio-economic survey is being carried out, based on which the safeguards instruments (EA/EMP, EA Executive Summary, and RAP, etc.), will be drafted and submitted to the Bank for review by September, 2013.

IV. APPROVALS

Task Team Leader:	Name: Xiaokai Li

[1] Reminder: The Bank's Disclosure Policy requires that safeguard-related documents be disclosed before appraisal (i) at the InfoShop and (ii) in country, at publicly accessible locations and in a form and language that are accessible to potentially affected persons.

Approved By:		
Regional Safeguards Coordinator:	Name:	Date:
Sector Manager:	Name: Mark R. Lundell (SM)	Date: 04-Sep-2013